

19990629.qrp v01_n503.qrl.990629

Date: Tue, 29 Jun 1999 19:03:32 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1503

QRP-L Digest 1503

Topics covered in this issue include:

- 1) [43710] Re: Water Bottle throwing
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 2) [43711] Re:Water Bottle throwing
by Ed Loranger <we6w@qsl.net>
- 3) [43712] FEEDING AN END FED 1/2 WAVE
by ARDUJENSKI@aol.com
- 4) [43713] RE: Dummy Load Night - Jun29 local time
by "W. Kimura" <w.kimura@valley.net>
- 5) [43714] Re: Water Bottle throwing
by "Randy Jouett" <rules@bellsouth.net>
- 6) [43715] Feeding a 1/2 Wave on its end
by Lee Bahr <bahr521@earthlink.net>
- 7) [43716] Re: DIY board etching...
by "Nick Kennedy" <nkennedy@cswnet.com>
- 8) [43717] Re: Dummy Load Night - Jun29 local time
by guillotstutoring@juno.com
- 9) [43718] Re: Water Bottle throwing
by "Joe Spencer" <KK5NA@quadj.com>
- 10) [43719] Re: DIY board etching...
by Jim <w7ls@blarg.net>
- 11) [43720] 1B-Battery - FD from MD
by SMurph555@aol.com
- 12) [43721] Fair price for Kent paddles?
by Paul Erickson <paule@sfu.ca>
- 13) [43722] Minicircuits Group Buy ADE-1
by "Gene Hall" <evhall@ix.netcom.com>
- 14) [43723] Re: FEEDING AN END FED 1/2 WAVE
by "George T. Baker" <w5yr@swbell.net>
- 15) [43724] Speaking of dummy loads and field day
by Kirk Job Sluder <csluder@indiana.edu>
- 16) [43725] Re: Sunspots - WOW!!!
by n5ib@juno.com
- 17) [43726] DSW40 BFP pitch adjustment, and Field Day comments
by n5ib@juno.com
- 18) [43727] FS: Kent paddles
by Paul Erickson <paule@sfu.ca>
- 19) [43728] SET QRP-L mail suspend

- by Robert L Farnworth <w7cd@juno.com>
- 20) [43729] FD + QRP + 600' LOOP = yeee haaaa!
by S LYON <sslyon@worldnet.att.net>
- 21) [43730] Re: Water Bottle throwing
by N7YA@aol.com
- 22) [43731] Lightweight solar panels
by Bruce Grubbs <bog@flagstaff.az.us>
- 23) [43732] Red Hot Norcal 20
by Oscar A Hoyt <k5ubs@juno.com>
- 24) [43733] Re: FEEDING AN END FED 1/2 WAVE
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 25) [43734] RS Model 100 FD Logger
by Rick Sealey <rsealey@InfoAve.Net>
- 26) [43735] Fair price for TenTec Argosy 2?
by "Scott" <k2zs@rochester.rr.com>
- 27) [43736] TTL transceivers.....
by jmarran@juno.com
- 28) [43737] 2N2/40 Progress
by "M. Monninger" <markem@primenet.com>
- 29) [43738] DC, Logic-Switched , Audio-Oscillator Receiver Part II
by "Randy Jouett" <rules@bellsouth.net>
- 30) [43739] USECA QRP Field Day, 18,400+ points!
by Floyd Soo <floyd@hi-rescom.com>
- 31) [43740] Re: Water Bottle throwing
by Chris Cartwright Sr <ccart@phideaux.com>
- 32) [43741] Field Day Chairman (2nd Try)
by David Gauding <david.gauding@bbs.galilei.com>
- 33) [43742] Re: USECA QRP Field Day, 18,400+ points!
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 34) [43743] Re: DLN
by Gary L Surrency <gsurrency@juno.com>
- 35) [43744] ARCI Summer HB Sprint - 7/11
by Joe Gervais <vole@primenet.com>
- 36) [43745] Ft. Tuthill: Proof that I actually exist!
by Joe Gervais <vole@primenet.com>
- 37) [43746] K2 and DLN
by Jay Bromley <w5jay@alltel.net>
- 38) [43747] Re: FEEDING AN END FED 1/2 WAVE
by Goran Hosinsky <hosinsky@royac.iac.es>
- 39) [43748] Re: Water Bottle throwing
by Goran Hosinsky <hosinsky@royac.iac.es>
- 40) [43749] propagation rpts
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 41) [43750] K2 & FieldDay99
by wa8rxi@juno.com
- 42) [43751] A Norcal 20 FD in VA
by N7RI@aol.com
- 43) [43752] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II

by wd8civ@att.net

44) [43753] Re: Dummy Load Night - Jun29 local time
by John Evans - N0HJ <jaevans@codenet.net>

45) [43754] Dummy Load Night
by "Tom Moll" <tomm@xata.com>

46) [43755] QRP Rigs for Sale
by "Rod Cercone" <rlw@fiii.com>

47) [43756] 20 meter SSB amp
by Jeff Gold <JGold@tntech.edu>

48) [43757] RE: RS Model 100 FD Logger SOURCE CODE AND DOCUMENTATION AVAILABLE
E
by Sam Billingsley <SBillingsley@usaninc.com>

49) [43758] Re: propagation rpts
by "Randy Jouett" <rules@bellsouth.net>

50) [43759] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II
by "Randy Jouett" <rules@bellsouth.net>

51) [43760] Re: Water Bottle throwing
by "Joe Spencer" <KK5NA@quadj.com>

52) [43761] Sierra Info needed
by Davewb4@aol.com

53) [43762] Re: K5FO Estate Sale
by K2UD@aol.com

54) [43763] Cabinetry
by Jim Ek <JIM-EK@worldnet.att.net>

55) [43764] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II
by wd8civ@att.net

56) [43765] RE: RS Model 100 FD Logger SOURCE CODE AND DOCUMENTATION AVAILABLE
by "Alex Mendelsohn" <ai2q@ispchannel.com>

57) [43766] Re: DLN
by mwattcpa@earthlink.net (Marty Watt)

58) [43767] Wilderness/NorCal dark blue case
by mwattcpa@earthlink.net (Marty Watt)

59) [43768] Another 2N2/40 Progress Story
by K2UD@aol.com

60) [43769] Re: Lightweight solar panels
by "John Zaruba Jr" <jzaruba@snip.net>

61) [43770] NC-20 Elmer Needed
by "Mike Newbold" <newbold@cmn.net>

62) [43771] Dummy Load Night - Participation Certificate
by "Tom Moll" <tomm@xata.com>

63) [43772] Re: Cabinetry
by Bill Jones <kd7s@psnw.com>

64) [43773] VHF CW activity?
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>

65) [43774] Re: Cabinetry
by wd8civ@att.net

66) [43775] RE: VHF CW activity?
by "Andreas Junge" <Andreas@atltech.com>

- 67) [43776] Re: propagation rpts
by Jay Bromley <w5jay@alltel.net>
- 68) [43777] [3830] Field Day Summary #2 (fwd)
by Bob Patten <n4bp@bc.seflin.org>
- 69) [43778] Re: Dummy Load Night - Participation Certificate
by Bob Patten <n4bp@bc.seflin.org>
- 70) [43779] Re: VHF CW activity?
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 71) [43780] Re: Dummy Load Night - Participation Certificate
by "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
- 72) [43781] Slightly OT: Antenna recommendations for indoor use
by Adam Israel <adam@battleaxe.net>
- 73) [43782] QRP-L CD Available NOW!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 74) [43783] FS: TS-130V
by Bob Patten <n4bp@bc.seflin.org>
- 75) [43784] Re: Slightly OT: Antenna recommendations for indoor use
by "Mike Yetsko" <myetsko@insydesw.com>
- 76) [43785] Re: Dummy Load Night - Participation Certificate
by Bob Patten <n4bp@bc.seflin.org>
- 77) [43786] MC34119
by "Hartman, Kaye L (Kaye)" <klhartman@lucent.com>
- 78) [43787] Re: K5FO Estate Sale
by Roger Hightower <n7kt@earthlink.net>
- 79) [43788] Re: FEEDING AN END FED 1/2 WAVE
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 80) [43789] SALVAGE DLN?
by ARDUJENSKI@aol.com
- 81) [43790] Re: Slightly OT: Antenna recommendations for indoor use
by Adam Israel <adam@battleaxe.net>
- 82) [43791] FIELD DAY REPORT
by Brad Bradfield <b_bradfield@yahoo.com>
- 83) [43792] Re: Slightly OT: Antenna recommendations for indoor use
by "Mike Yetsko" <myetsko@insydesw.com>
- 84) [43793] RE: PIN diodes at 3.5MHz
by Roger Traylor <traylor@ECE.ORST.EDU>
- 85) [43794] DUMMY LOAD NITE.... The Dummy Advantage
by hamjoel@juno.com
- 86) [43795] Re: Slightly OT: Antenna recommendations for indoor use
by Roger Hightower <n7kt@earthlink.net>
- 87) [43796] Ft Tuthill 1999
by Bob Hightower <ki7mn@extremezone.com>
- 88) [43797] QRP FD 1999
by George F Franklin <w0av@juno.com>
- 89) [43798] Re: VHF CW activity?
by Laura Halliday <lha@sdr.utias.utoronto.ca>
- 90) [43799] Ft Tuthill 1999
by Bob Hightower <ki7mn@extremezone.com>

- 91) [43800] ZM-2 50 Ohm load coupling coverage.
by Ed Loranger <we6w@qsl.net>
- 92) [43801] Things Solar
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 93) [43802] Stealth 2m J-pole
by tom whalen <wb5qyt@eFortress.com>
- 94) [43803] RE: Climbing a tree
by "Kory Hamzeh" <kory@avatar.com>
- 95) [43804] FD from Southern MD
by Larry Cahoon <wd3p@juno.com>
- 96) [43805] Re: Slightly OT: Antenna recommendations for indoor use
by wd8civ@att.net
- 97) [43806] Bull Dog Paddle
by Bob Patten <n4bp@bc.seflin.org>
- 98) [43807] Ongoing inanity; Was Dummy Load Night
by FrConrad@aol.com
- 99) [43808] ZM-2 Final thoughts
by Ed Loranger <we6w@qsl.net>
- 100) [43809] Dummy Load Night
by "Tom Moll" <tomm@xata.com>
- 101) [43810] Further adventures of Ol' 143 & an interesting set of circumstances
by Nils R Young <nilsbull@juno.com>
- 102) [43811] DLN Plan.
by Ed Loranger <we6w@qsl.net>
- 103) [43812] sunspots
by "Mike W. Burger" <mike@gold.chem.hawaii.edu>
- 104) [43813] Someone looking for narrow K8FF?
by mwattcpa@earthlink.net (Marty Watt)
- 105) [43814] Re: ZM-2 50 Ohm load coupling coverage.
by Dean W Manley <kh6b@juno.com>
- 106) [43815] Re: FD with K2
by Dean W Manley <kh6b@juno.com>
- 107) [43816] Re: Dummy Load Night
by Dean W Manley <kh6b@juno.com>

Date: Mon, 28 Jun 1999 18:10:55 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43710] Re: Water Bottle throwing
Message-ID: <003a01bec1bb\$7a352160\$3737a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I found that a small 8 oz. water bottle hurts much less on the way down when I miss the branch than the "hunk of iron with a hole in it" that I usually use. Thanks for the idea Joe!

I just wrapped my surplus parachute cord around the neck with a clove hitch and another knot just for extra measure. I then chunked it under hand over the high branches of some stately pecan trees. The small bottle size was small enough to throw easily, yet massive enough to pull the rope over the branches.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 28 Jun 1999 23:22:23 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [43711] Re:Water Bottle throwing
Message-ID: <377803AF.55BD@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They cut the willowtree strands last week. I used to gently pull down and easily got my inverted vee ends up 20 feet. I had to use the water bottle technique the following weekend. To get the antenna up when I discovered the trees were trimmed, I stood on the quad chair and wrapped the insulating twine, connected to the antenna end insulator, several times around a wad of the vines hanging from the limb.

I tied a 1 inch diameter loop into one end of my launching twine.

I pushed the standing part of the rope up into the fixed rope loop thereby making a slip-knot. The slip knot drew tight around the neck of the 1/2 water filled bottle. With a 2 foot leader, I twirled the string-tethered bottle counterclockwise (while facing the target treelimb, and easily reached 30 feet.

I had previously laid out the twine in a zig-zag pattern on the ground and was sure to be standing out of the way of the line :)

It was easy to take the large-looped slipknot off the bottle. The extra throwline was wound around the bottle which I used as an anchor for the antenna end. The other antenna end was simply wound around the other tree.

I didn't add the lighter weight connecting string from the mainline to the bottle. With that weaker string it is easy to break off if the bottle got caught in the tree. I wasn't concerned with that problem and just went for it. I'd probably use the short section of break-line for launching into a redwood tree.

This technique is awesome.

My \$.02

72/Ed we6w

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Mon, 28 Jun 1999 19:26:29 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu

Subject: [43712] FEEDING AN END FED 1/2 WAVE

Message-ID: <cc4ef4a6.24a95ea5@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Please excuse the ignorance but I need some assistance on PROPER feeding a 1/2wave end fed antenna. I will be using a QRP PLUS and have a simple LC tank circuit for a tuner. Can I feed the 50 ohm coax to the LC (say 15 ft) and connect the 1/2wave to the tank circuit and just ground (or maybe a short counterpoise) the shield side or just let it float?

Alan KB7MBI

Date: Mon, 28 Jun 1999 19:38:47 -0400

From: "W. Kimura" <w.kimura@valley.net>

To: qrp-l@lehigh.edu

Subject: [43713] RE: Dummy Load Night - Jun29 local time

Message-ID: <199906282338.TAA06127@orford.valley.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just gotta ask..... Will there be a QRO catagory in this 'test?

Date: Mon, 28 Jun 1999 17:17:41 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43714] Re: Water Bottle throwing
Message-ID: <014501bec1bf\$487f2900\$7667d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: PUNISHER3@aol.com <PUNISHER3@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: 6/28/1999 1:19 PM
Subject: Water Bottle throwing

>Hello,
> For some of my "outings," i have also used the water bottle
>technique. I was wondering what the correct way to throw the water bottle
>is. Just for now, I am using a gatorade bottle, I think 20 oz and the rope
>fits nicely around it, in the groove. I think my top height is maybe 30
feet
>or so and I am throwing it by just cranking my arm back and heaving it as
>hard as I can. I have tried spinning the bottle on the rope then letting
go
>but I found that I don't have much control when I do this.
> I would like to hear some other people's opinions on how they do the
>"water bottle technique"

Well, here's the technique that I use. Basically, I tie the string to a
one-foot
long, 3-inch-head-diameter rubber mallet and spin the thing up and release
at around 280 deg. or so. Works great, and the rubber mallet has a good
handle to grasp if I just want to chunk it over a low branch. Haven't lost
the hammer to date, and the rounded head doesn't seem to get caught up
in the branches. I guess I'm going to kick myself when it finally does get

stuck :^). I guess you could use a normal carpenters hammer, but I don't like the idea of that iron head flying around and the hook on the nail-removing prongs might cause some difficulties.

Anywho, 70-foot heights have been attained with no problems. Yeah, this can be kinda' dangerous, so make sure you're not chunking the thing near the house, wife, kids, etc. :^)

Date: Mon, 28 Jun 1999 19:53:12 -0400
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [43715] Feeding a 1/2 Wave on its end
Message-ID: <37780AE8.5EC7F28C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is feed as a 1/2 wave long wire using a high impedance tuner to match it, OR building a J-pole. A J-pole could be a 1/2 wave wire that is fed with a 1/4 wave transmission line on end. The J-pole allows a high impedance feed point antenna to be matched using a quarter wave open wire transmission line which has high impedance on one end and low impedance to match low impedance coax on the other end. Either system has its plus and minus features.
Lee Bahr w0vt

Date: Mon, 28 Jun 1999 19:02:05 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "QRP List" <QRP-L@Lehigh.EDU>, <mitymik@hooked.net>
Subject: [43716] Re: DIY board etching...
Message-ID: <003a01bec1c2\$a0fcf0a0\$b67154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>ok...did i read correctly that Sharpie brand markers can be used for
>etch resist? (black AND red)...does anyone have a recommendation for
>LARGE areas (like ground planes)?

>and, are plastic containers OK for etching?

I've always found that Sharpies work as well as "real" resist pens. And sometimes as poorly. My first board was a little too ambitious, with a lot of dense, narrow etches. Some of my traces washed away and/or were undercut by the etchant before the unwanted copper was gone. Had to start over. That was 20 years ago.

Sharpies are still good, if you get enough ink, and wide enough traces. I switched to using mostly little bottles of model airplane enamel paint and artists paintbrushes. Put the drawing over the board and drill the holes. Then put the drawing next to the board and copy, playing connect the dots with the paintbrush. If you mess up, it's easy to separate merged traces by scratching with a pocket knife. And paint is also good for doing LARGE areas (ground planes), maybe using a wider brush here.

I use a cheap glass cassorole dish to etch in.

I think I saw somewhere that ferric chloride is used in water treatment, so I'm not too worried about toxicity. I'm not advising drinking it, however.

72,

Nick, WA5BDU

Date: Mon, 28 Jun 1999 19:04:03 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [43717] Re: Dummy Load Night - Jun29 local time
Message-ID: <19990628.190404.-1007633.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Mon, 28 Jun 1999 19:38:47 -0400 "W. Kimura" <w.kimura@valley.net>
writes:
>I just gotta ask..... Will there be a QRO catagory in this 'test?
>
Sure for the big dummies. But does QRP means you have to stay under 5
ohms?

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrparci#3988, ARRL(life)

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Date: Mon, 28 Jun 1999 19:13:53 -0500
From: "Joe Spencer" <KK5NA@quadj.com>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43718] Re: Water Bottle throwing
Message-ID: <019901bec1c4\$46b0df60\$54d132ce@vectra>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Steve and the group,

yes the "KK5NA Water Bottle Technique" came thru for us also. We used it
to put up a G5RV thru and Over several trees, Table covers etc. Same 16.9
oz bottle I always carry. We attached some strong waxed string (cable
lacing string) to it and I used the overhand lob technique to throw it up
and over. Then pulled the antenna over until we got it clear and stretched
good. I find I can throw it accurately up to about 35 ft everytime....the
secret of course is to have PLENTY of excess string, rope or wire attached
and "clear" of your and others feet/body for a clear launch. And after all
that work you still have a drink to refresh you!

We had a great field day... see you next weekend.
73 Joe KK5NA
--Have Water bottle will travel--

----- Original Message -----
From: Steve Yates, AA5TB <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, June 28, 1999 6:10 PM
Subject: Re: Water Bottle throwing

> I found that a small 8 oz. water bottle hurts much less on the way down
when
> I miss the branch then the "hunk of iron with a hole in it" that I usually
> use. Thanks for the idea Joe!
>
> I just wrapped my surplus parashaute cord around the neck with a clove
hidge
> and another knot just for extra measure. I then chunked it under hand over
> the high branches of some stately pecan trees. The small bottle size was
> small enough to throw easily, yet massive enough to pull the rope over the
> branches.
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> <http://home.swbell.net/aa5tb>
>
>
>

Date: Mon, 28 Jun 1999 17:30:23 -0700
From: Jim <w7ls@blarg.net>
To: mitymik@hooked.net, qrp-1@lehigh.edu
Subject: [43719] Re: DIY board etching...
Message-ID: <3778139F.BB05CA5E@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use paper tape for large areas. Jim W7LS

Mighty Mik wrote:

> ok...did i read correctly that Sharpie brand markers can be used for
> etch resist? (black AND red)...does anyone have a recommendation for
> LARGE areas (like ground planes)?
>
> and then...how about more than one? I suppose that one could photo etch
> each one, but has anyone tried rubber stamps? Or wood block? There is
> also silk screen...

>
> what did you use for ink?
>
> and, are plastic containers OK for etching?
>
> looking ahead...
>
> --
> @@
> 72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
> NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
> Aeropac #111 Tripoli #3071 Level 2

Date: Mon, 28 Jun 1999 20:50:24 EDT
From: SMurph555@aol.com
To: qrp-l@lehigh.edu
Subject: [43720] 1B-Battery - FD from MD
Message-ID: <2167eda8.24a97250@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Had a ball in FD '99! Saturday I strung up an antenna in the back yard - dipole for all bands with clip leads to jumper insulators. The weather was so muggy and hot, however, that I elected to forgo any operating until early Sunday AM. Started playing on 80M until that band got too noisy; had intended to use "light" QRP rigs. But my OHR Sprint had no output so pressed the QRP+ into service. Then I went to 20M and reeled off 54 QSOs with an original OHR 20M QRP rig. The skip was incredibly short, but also worked several "left coast" stations. Finished off on 40M with my NorCal 40A, which didn't like the heat one bit, but gave me 30 QSOs in a bit over an hour. Ended up with an even 100 QSOs in the 6 hours I operated.

The ancillary stuff worked very well - Whiterook keyer/Nye Viking paddle, Heath noise bridge and Dentron Junior Monitor tuner. The battery I used, oversized I'll admit, was hardly discharged by the fun! I don't miss the old PE-75 and 100W rigs a bit <grin>! BTW, first FD was in 1955.

72/73
Cal K4JSI

Date: Mon, 28 Jun 1999 17:53:11 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>

To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [43721] Fair price for Kent paddles?
Message-ID: <199906290053.RAA09713@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone have an idea of what a fair price for a set of kent paddles, in excellent condition, would be?

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Mon, 28 Jun 1999 21:26:34 -0400
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <nn7ck@arrl.net>
Subject: [43722] Minicircuits Group Buy ADE-1
Message-ID: <01d901bec1ce\$6dfd67a0\$31aadccf@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Based on the responses I've already received to my post of last night there is plenty of interest in a group buy from Minicircuits Laboratories so here we go.

The items I have received initial interest in are:

ADE-1 SMD Double Balanced Mixer for \$1.99 each for up to 99 (Minicircuits says there is a two week delivery on this part)

MAR-1 Amplifier for \$0.69 ea.

If there are any other parts on their web-site you want they can be included provided we meet any minimum quantity requirements for the price. Prices are posted on the data sheets in the website as are the quantities needed to be bought for that price.

E-mail your parts list direct please not via QRP-L.

PLEASE include ADE-1 in your subject line so my filter works. I get about 100 e-mails a day and need to use the software rather than searching for responses, I don't want to miss anyone.

I'll send a reply to each e-mail so you know I have received yours.

Don't send money yet...let me get the best prices I can based on total quantities then I'll let everyone know what their total is.

I plan to ship via Priority mail except for DX. I'll be glad to discuss alternatives with any DX stations that want to participate and to which I am allowed to ship.

I'll submit the total list to Minicircuits for a quote on July 19 so I'll accept requests through July 17 then I will e-mail everyone with the cost of their parts.

To those not interested I apologize for the bandwidth.

73 ... Gene ... NN7CK ... Louisville, KY

Date: Mon, 28 Jun 1999 20:46:38 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43723] Re: FEEDING AN END FED 1/2 WAVE
Message-ID: <3778257E.10A6B183@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alan, back in the 40's I operated a 260 ft longwire on 20 meters. I fed it at one end in the shack with a parallel-tuned circuit center-link-coupled to the final tank, through a "swinging link." I floated the opposite end of the tuned circuit - no radials, grounds, or whatever. Tuned it up by either watching a 4 ft fluorescent lamp tied to the far end of the antenna (at night) or tuning for maximum lead-pencil arcs off the antenna (during the day).

Yes, God looks after fools and young hams! And by the way, that antenna had a killer lobe into Asia since it ran due northwest.

72/73, George

AMA 98452

R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Tue, 29 Jun 1999 01:48:15 +0000
From: Kirk Job Sluder <csluder@indiana.edu>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [43724] Speaking of dummy loads and field day
Message-ID: <377825DF.9C927CF@indiana.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had family obligations for most of field day so I finally got to the site at around 9:00 pm on a damp foggy night. As a Technician, I walked right into the VHF shelter and was introduced to a nice high-power 2M multimode rig. After about 15 minutes of introduction (which included gripes from the previous operator about how dead the band was) I gave it a shot.

Heard nothing and got nothing. Rotated the antenna to hit a new area, still got nothing. After about an hour of fishing the band one of the other hams stopped me in the middle of a CQ, holding up the feed line to the antenna that had been disconnected since 4:00 pm because of a thundstorm.

There is a moral to this story somewhere...

--
Kirk Job Sluder (csluder@indiana.edu)
Personal Home Page (<http://php.ucs.indiana.edu/~csluder/home.html>)
KB9TUT Bloomington, Indiana

Date: Mon, 28 Jun 1999 22:01:25 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [43725] Re: Sunspots - WOW!!!
Message-ID: <19990628.195327.4783.0.N5IB@juno.com>

In our teacher class today my "students" finished their telescopes, attached their solar filters and we looked at the Sun. I got the first peek with the first scope and they all about fell over laughing when I nearly shouted, "Wow! Look at those spots!"

Old Sol was really poxed today, It was quite a sight to see. So maybe my good sucess at FD had much less to do with my superior operating skills than I thought :^)

72

Jim N5IB

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Date: Mon, 28 Jun 1999 22:01:25 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [43726] DSW40 BFP pitch adjustment, and Field Day comments
Message-ID: <19990628.195327.4783.1.N5IB@juno.com>

After the fires of Field Day cooled I decided to work on the BFO pitch adjuastment.

Adding 30 pF NP0 across the trimcap C14 (under the board) gave enough "pull" to the BFO crystal to match the offset to the sidetone, within the limits of my musical ear. Was still near the limit of travel of the trimmer, though, so probably anything from 30 to 47 pF would be fine.

I was truly impressed by the performance of the DSW40 during FD. I set up about 200 yards away from the QRO stations (3 of them, with 30' towers and beams for 20 m and up) Except for when a station was actually operating on 40 m I had no, repeat no, overload problems. This with an inverted vee ant, no tuner used, so no additional front-end selectivity. The DSW was still in its unlined wooden box, hadn't done the copper foils shield lining yet. The QRO rigs were equipped with band-pass filters.

One the other ops, a real CW contest pro, stopped by to see and I handed him the headset for a listen. He was astounded at the receiver performance. During our takedown, the club president and the FD chairman were having serious discussions about running everything at the 5W level and under next year. The thought of all that quiet - no droning generators - is seductive.

As another QRP-L'er noted, it was almost too easy to make contacts.....
Hat's off to Dave ... What a rig.

72
Jim N5IB

ps: for DLN is it OK if the DL is rotatable? And should we standardize on
vert or horiz polarization? :^}

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Date: Mon, 28 Jun 1999 19:11:06 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [43727] FS: Kent paddles
Message-ID: <199906290211.TAA24651@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent condition, \$100usd plus shipping.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Mon, 28 Jun 1999 19:33:06 -0700
From: Robert L Farnworth <w7cd@juno.com>
To: "LOW POWER AMATEUR RADIO DISCUSSION" <qrp-1@Lehigh.EDU>
Subject: [43728] SET QRP-L mail suspend
Message-ID: <19990628.193307.21326.0.w7cd@juno.com>

MAIL set to SUSPEND for user w7cd@juno.com

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Date: Mon, 28 Jun 1999 22:31:34 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>, cara chat <discussion@lists.twc-inc.com>
Subject: [43729] FD + QRP + 600' LOOP = yeee haaaa!
Message-ID: <37783006.460E5CDA@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It was hot... it was humid... but we were stallwarts despite the fact that an un-named (unless he screws up again) dufuss forgot the Schewppes, and had a great time along the shores of Candlewood Lake in Brookfield, CT.

Our Club operating W1QK 1-A battery with a cranked-down 751 and a 600' rectangularish horiz. loop at between ... get this... 70' and 85' (depending on the tree) we racked up over 450 Q's and est. 5k points on CW, and some more on ssb -despite some rather long lapses.

We also had a tribander at 22', and 40m & 80m Double MAGNETIC SLOTS, but the big loop out-played everything. The slots were good, and I recommend them highly to those blessed with a mere two supports, but the loop was at least an S-unit better in most cases.

We'll post the scores when they're cleaned up, and maybe some pix on our web site when the photog recovers. I'll attempt to find the listed qrp-ers when I get time, too.

72
-s-
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 28 Jun 1999 22:52:32 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [43730] Re: Water Bottle throwing
Message-ID: <cb908932.24a98ef0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 6/28/99 11:24:15 AM Pacific Daylight Time,
PUNISHER3@AOL.COM writes:

<< I would like to hear some other people's opinions on how they do the
"water bottle technique" >>

Hi Ben, well...since im a hockey fan, it has a much more traditional meaning.
The idea of "making the water bottle fly" is directly indicative of a team
scoring a huge goal by slapping the puck in so hard it snaps the net back,
sending the goaltenders green bottle flying through the air. a feat usually
followed by red flashing lights, sirens and a huge roar!! aaaaah, i LOVE
this game!!

Anyway, i just had to chime in on that and what i was using for weights
when launching a dipole. Anyone remember those useless workout machines that
sold for ungodly amounts of our hard-earned green backs? you know the
ones...the 'rubber band workout'! well, those rubber bands had just enough
weight to them to grab a good hold of, swing and release to make it over most
high branches. plus, they came in different weights and sizes for your
needs....something to think about when the xyl drags you out of the rack at 6
am on a saturday to go garage sale hunting....because who on gods green earth
would actually KEEP one of those things? so im sure you could find them
around for next to nothing...almost exactly what theyre good for.

But i still live by deep-sea cod fishing weights, perfect for lobbing high
into the air. the only thing the rubber bands have over them is the return
to earth at a high velocity....they ARE made of rubber afterall, not lead.
that could be the difference between 'ouch' and "somebody get an ambulance,
quick!!" (the latter of course will ruin your FD for sure).

Everyone has thier own particular preferences, I guess its like Fords and
Chevys, Navy and Air Force, Brazilian Jiu Jitsu and Traditional Japanese
style Jiu Jitsu (ok, im reaching)...just look at your situation, look at the
materials on hand and let the wheels in your creative ham mind do its thing,
its scary what we hams are capable of coming up with when the fire is stoked.
:-)

73...Adam, N7YA

Date: Mon, 28 Jun 1999 20:00:45 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-l@LeHigh.edu
Subject: [43731] Lightweight solar panels
Message-ID: <3.0.5.32.19990628200045.0099c100@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,
I'm looking for a lightweight, backpackable solar panel in the 5-10 watt

range. Does anyone have a favorite brand model?

Thanks es 72

Bruce, N7CEE
bog@flagstaff.az.us

Date: Mon, 28 Jun 1999 22:02:37 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [43732] Red Hot Norcal 20
Message-ID: <19990628.220355.10294.1.k5ubs@juno.com>

Have completed up through the keying circuit and laid out parts to start receiver section. So far everything has worked text book fine.... Looked at VFO on my scope and its nice and on freq. Dont have paddles and cant get any just yet cause I want good ones. So recalled an article from some time back that used an old mouse. So gutted an old one, put a plug on end of cable and it works good. left button is dits and right button is dah's. This is gonna be one fine radio. My first real QRP rig. Next the Red Hot 40 mtr when the XYL not looking...

72

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

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Date: Mon, 28 Jun 1999 22:08:46 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43733] Re: FEEDING AN END FED 1/2 WAVE
Message-ID: <000201bec1df\$747efe20\$ef37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have some information on how I have coupled to my end-fed halfwave antennas at the following web page:

<http://home.swbell.net/aa5tb/halfwave.html>

They perform great. Have fun.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Mon, 28 Jun 1999 23:22:49 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [43734] RS Model 100 FD Logger
Message-ID: <4.1.19990628231718.0098e590@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Yeah, yeah, I know. Field Day 1999 is over. (A blast, wasn't it?!)

However, it occurred to me during the activities that my Olivetti M10 (clone to RS Model 100) would have been handy for logging. Anybody got, or know of, a Field Day logging program for these rascals?

Thanks in advance,

Rick - W4SEA
High Point, NC

Date: Mon, 28 Jun 1999 23:54:23 -0400
From: "Scott" <k2zs@rochester.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [43735] Fair price for TenTec Argosy 2?
Message-ID: <009501bec1e3\$146a4b80\$3eca5f18@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hello all,

Can anyone tell me what a fair price would be for a TenTec Argosy 2?
It's condition is 8 out of 10 or better.

Thanks
Scott, K2ZS

QRP-L # 426 (ex KF2ZW)

k2zs@rochester.rr.com

Date: Tue, 29 Jun 1999 00:03:39 -0400
From: jmarran@juno.com
To: qrp-l@Lehigh.edu
Subject: [43736] TTL transceivers.....
Message-ID: <19990629.000651.-116243.3.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have built numerous versions of transceivers and transmitters using the 7400 and the 7403 TTL chips. They are a great deal of fun to play with, and having a transmitter at 300mW for less than \$.50 is a real THRILL. Anyone else use this simple device for QRPp?

72&73,

John Marranca, Jr
KB2HSH

Date: Mon, 28 Jun 1999 21:42:56 -0700
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@lehigh.edu
Subject: [43737] 2N2/40 Progress
Message-ID: <3.0.6.32.19990628214256.0084f520@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I have the receiver sections all built and working. No major problems, it all worked pretty nearly the first time. The rcvr seems to be quite sensitive and very quiet. It's all going together pretty easily, even the tri-filar transformers turned out to not be a big hassle. It's definitely the biggest project I've tackled that wasn't a kit. After this I'll be ready to tackle most anything, construction-wise, anyway...I doubt I'd ever be able to design something this complex. Now on to the TX sections. I may well have it finished and consummated with its first QSO by this weekend (I'll have to admit it'll be MY first CW QSO in quite a while so whoever gets the 'honor' please bear with me :-). So Preston, be ready to print another certificate soon.

72/73 Mark AA7TA

Date: Mon, 28 Jun 1999 23:47:02 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43738] DC, Logic-Switched , Audio-Oscillator Receiver Part II
Message-ID: <003901bec1ea\$7b9d0a70\$9466d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, gang....

Marty finished the receiver design today, and he'll be mailing it to me tomorrow. Actually, he's put together 3 different receivers, with some more capable than others.

He said that all of em' use one of W7ZOI's (hey, Wes!) VF0 designs out of Solid State Design, with the least-capable version costing around \$5.00 (total) for parts if u have a semi-decent junk box! He did say that this price was a ball-park figure, though, so I'm not going to hold him to that price :^).

Anywho, I need to think of a name for this thing. I was leaning toward "The Dixie" or the "Southern Bell." :^). Whatcha' think? :^)

I've also done more thinking on the advanced version that would use digital-signal, neural-network processing, and here's what I came up with:

The neural net seems to be the way to go. It would easily learn selected

CW patterns and help the DSP tremendously. As a matter of fact, you might even be able to teach the net to recognize individual words via dictionary look-up and have the thing "finish/guess" at words if the incoming signal drops below the noise floor.

And speaking of noise floors....With differential-buffered and averaged samples, it would seem at first glance that the net would have a dog-on great grip on the signal. If it didn't, then the neural net would lower the threshold a tad and the next DSP sample might just "yank em" out of the noise, or this is where neural-net, best-guess would come into play (if enabled).

I was even thinking about this version keying an audio oscillator, but a few guys on the list-server said that they want to hear some noise in the background, because it lets them have that "distant" feeling when they're working DX. No problem! I could always "OR" in some noise for em' :^). The audio-oscillator design does have another "MAJOR" flaw -- everyone would have a 599 signal report :^) :^). You'd never hear a chirp, whoop, etc. :^).

I was thinking about doing this all by my self, but have come to the realization that I haven't taught myself quite enough about RF EE to pull it off. What I'd like to do, however, is work with a company willing to hire me as a contractual programmer (in my spare time. DSP code, neural net) and network engineer, with me giving over a portion of the rights and privileges (with the proper financial incentives, of course! :^). Also, this company would have to allow the SETI league complete, total, and blatant rip-off status. My gift to the search, and my gift to ham radio -- a hobby that has given so much to me and asked so little :^). So, if you think that your company would be interested in a dumb, lowly southerner with a Cajun accent, please drop me a line :^).

Please post any comments or ideas here on qrp-l. All flames should be directed to either personal e-mail or the closest BBQ pit :^).

Randy Jouett, AB5NI

Date: Tue, 29 Jun 1999 00:52:57 -0400

From: Floyd Soo <floyd@hi-rescom.com>
To: QRP-L <qrp-1@lehigh.edu>
Subject: [43739] USECA QRP Field Day, 18,400+ points!
Message-ID: <37785128.BF2E8AD1@hi-rescom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

This year's USECA QRP Field Day was another great success! Friday's activities included set-up, BBQ, and "QRM" (...an all ham band that plays classic rock & roll.) QRM played into the wee hours of Saturday morning, with some of us not getting to bed until after 4 am!

Saturday began with a full breakfast and more setup. Then came lunch (this club love's its food!), the operator's meeting, then the beginning of the contest. The WX for Fri and Sat was perfect! Clear and sunny with temps in the 80s during the day, and clear with temps in the 70s in the PM. Saturday's big feast consisted of dozen's of pass a dishes along with the several hundred sirloin steaks that the club always provides! Then, there was dessert...

Anyway, testers were treated with a pleasant surprise after midnight. The local C.A.P. kids have helped with our FDs for a couple of years with antennas, tents, etc. This year, they actually took 3 or 4 trays of food and drink around to all the stations so the ops could enjoy a late night snack while operating!

We did have a front move thru just before sun up that showered us from above. It rained on and off the rest of Sunday, even during tear down, but it didn't dampen anyone's enthusiasm, as we ALWAYS anticipate rain! It wouldn't be FD weekend without rain!

Anyway, we ran 20A MI (QRP-battery). Our initial point totals from the station logs look to add up to about 18,455 points. We have to add the bonus points to that score yet.

As in previous years, we paid attention to details in the feedline and antennas, to make best use of our 5W. The digital bands were conspicuously quiet. I wonder if anyone else noticed that. The upper bands that have been quiet thru the last sunspot cycle lull, were alive and well all day and all night! The CW and Phone stations had their hands full most of the time.

So, food was great, WX was great, propagation was pretty good,

fellowship and comradery was great, we had a few volunteers that manned a childcare area and activities for the kids, what more could we ask for during FD?

We had a blast! I will post our final tally when I receive it!

--

72,

Floyd Soo, W8RO

Past Prez, USECA

President, HI-RES Communications, Inc.

Board Member, Collins Collectors Association (#002)

QRP-L #392

floyd@hi-rescom.com

<http://www.hi-rescom.com>

Date: Tue, 29 Jun 1999 00:45:19 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43740] Re: Water Bottle throwing
Message-ID: <Pine.LNX.4.04.9906290035090.11409-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Jun 1999, Steve Yates, AA5TB wrote:

> I just wrapped my surplus parachaute cord around the neck with a clove hidge

Having been a "cable monkey" at a former job, I just use PolyPull (tm) (a blue and white polypropylene 1/8" cord) from a new box. This is the stuff electricians leave in a conduit so the *NEXT* time they come to do the job it doesn't seem near as bad. Since it has at least a 250lb break strenth (I dnagled from a piece as a test) I can throw once, and start pulling up the antenna, and it's just stiff enough to keep from tangling. I get it from a local electrical suppply house for about \$9 per 1000'. Most time's it's not worth recycling, so I never have to untangle it, and it pays out of the box well so you don't have to stretch out a bunch of slack that tangles around you, before you throw. :)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Mon, 28 Jun 1999 23:46:46 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [43741] Field Day Chairman (2nd Try)
Message-ID: <1.5.4.32.19990629044646.009ef214@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

2nd try for the original posting send on Sunday.

Dave

>To: David Gauding
>From: david.gauding@bbs.galilei.com
>Date: 27 Jun 99 14:29:40 -0600
>Subject: Field Day Chairman
>
>
>Gang,
>
>For those of us unable to make Field Day, you should know NOMII did another
>super job organizing our annual event for the club. As usual, he anticipated
>absolutely every need. Amazing!
>
>And, he kept everyone's nose down on the operating tables too. <g> I think
>we'll end up with a pretty decent score this year. But, the main thing is we
>had a lot a fun and there was plenty of that to go around.
>
>Jeff, thanks for making it happen!
>
>
>de Dave, NF0R nf0r@slacc.com
>
>
>
>

Date: Tue, 29 Jun 1999 00:34:23 -0500

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <floyd@hi-rescom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43742] Re: USECA QRP Field Day, 18,400+ points!
Message-ID: <004501bec1f1\$18da6e80\$ef37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now that's the way to have a Field Day! I can only dream of having that many people at a Field Day site with such enthusiasm. Congratulations.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 28 Jun 1999 23:06:42 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [43743] Re: DLN
Message-ID: <19990628.230642.-4123169.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Mon, 28 Jun 1999 20:40:29 +0100 Larry Cahoon <wd3p@juno.com> writes:

> Let's see now that is 10 ft, or is it 12ft, divided by zero watts(?)
that
> gives me infinite miles per watts. Guess that gets me a 1,000 miles
> per watt award if someone thinks it's fair.

Sorry, division by zero is undefined. :-(

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 28 Jun 1999 23:29:35 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [43744] ARCI Summer HB Sprint - 7/11
Message-ID: <199906290629.XAA17673@usr05.primenet.com>

Howdy Folks,

Crawling out of my hole long enough to give everyone a heads-up for the QRP ARCI Summer Homebrew Sprint, scheduled for July 11th. Full rules are listed below, and will be up on the ARCI website soon as well. I'll post a reminder a few days prior too.

Whoa, almost caught a glimpse sunlight and fresh air! Better scurry back down into the damp, dark depths of the Data Mines.... (Will be away from email for awhile, but will catch up soon.)

Be happy, be well!

Cheers de AB7TT (The Phantom QRPer),

-Joe, vole@primenet.com, ARCI Contest Critter-At-Large

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

===

Summer Homebrew Sprint, Sponsored by QRP ARCI

2000-2400Z July 11, CW HF only. Work station once per band.

Categories:

- All-band, Single band, High bands, Low bands, Multi-Op, DX.

Exchange: RST, SPC and ARCI number (non-members send power).

QSO Points:

- Member = 5 pts.
- Non-member different continent = 4 pts.

- Non-member same continent = 2 pts.

Multipliers:

- SPC total for all bands. SPC's count once per band.
- Power: >5W = X1, 1-5W = X7, 250mW-1W = X10, <250mW = X15

Bonus Points for HB Gear (per Band):

- +2,000 pts for using HB xmtr.
- +3,000 pts for using HB rcvr.
- +5,000 pts for using HB xcvr.

Final Score:

- QSO points X total SPCs X Power Multi + Bonus Points.

Entries must include copy of log and summary sheet, callsign(s) of op(s), QTH, power out, and station description.

Send entries within 30 days of contest date to Joe Gervais AB7TT (ATTN: HB Sprint), PO Box 322, Peoria, AZ 85380-0322, or email ASCII-text entries to <vole@primenet.com>.

All decisions of the Contest Critter are final. Unless you have pizza to offer, in which case I'm always listening. ;-)

Date: Mon, 28 Jun 1999 23:48:11 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [43745] Ft. Tuthill: Proof that I actually exist!
Message-ID: <199906290648.XAA18068@usr05.primenet.com>

Howdy again Folks,

Despite plausible rumors that I am merely a clever one-way conversational A.I. project built by a bunch of post-doc researchers, I will provide proof that I actually exist at the Ft. Tuthill QRP-Fest and ham conference, the weekend of July 23rd (sponsored by the AZ ScQRPions, with the help of lots of fine QRPers everywhere).

Flagstaff (a few miles from the hamfest) is at 7,000 ft ASL, nice and cool, the Grand Canyon is only an hour and a half away, as are countless other natural wonders. Come for the QRP, stay for the scenery. ;-)

Check out ScQRPion Bob's website for more info.
<<http://www.extremezone.com/~ki7mn>>

Since this will likely be the first time I've had contact with humans (and fellow QRPers :-)) in many a lunar cycle, I may be a bit skittish. If I end up getting "treed", please just leave a few Pop Tarts and a can of Jolt Cola at the base of the tree and back away. I'm bound to come down sooner or later.

If I end up with a laptop by then, I may even be able to show you what I've been working on that's forced me into a hermit's lifestyle....

Stay happy, stay cool, see y'all in the AZ mountains! (I'll be away from email for a bit - will catch up soon.)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

Naked Mole-Rat Software

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 29 Jun 1999 02:26:46 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43746] K2 and DLN
Message-ID: <37787536.911CED6@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I finally took the night off from everything and came into the shack around 0400. Hook up the K2 and thought I would check out 17 meters. With Hamfests, VE3DNL Marker kits, Forums, ect, I've really not had much

air time, especially on the K2. The main DX rig got a new paddle so the one off WBL went down to the K2.

I then proceeded to play around with the K2's keyer and power setting. Boy, is it easy to get out of practice. Well I heard what I thought was a 9avz something or other. Well it turn out to be SP9AVZ, Henry. I had a nice QSO with old Henry with his IC-735 running at 15 watts into a dipole.

I then tune down to see what else I could hear. UA2CZ was next up to bat. He was calling cq over and over again. So for the fun of it I turned the K2 down to 900 milliwatts. He was running full break-in because he heard me turning down my power and went ?. I got a 569 from Vic and had two stations calling me after our QSO.

I'm really starting to have some fun now. I moved UA4PO up and down the band to find a clear spot. His name was Russ, I checked my power and it was now at 700 milliwatts, I get a 599 from him. I could hear stations all around us but the K2 kept him in the clear.

Every time I would sign and head for bed another station would be calling me. I finally quit with OK1ANN, Vlada, and my last transmission to him I turned down the K2 power down as it would go, 150 milliwatts. No problem he comes right back and answers all my questions.

Boy this QRP, K2, WBL episode was just too cool. I've been missing out big time. I didn't get to work Field Day this year because I was getting caught up on the VE3DNL kits. I guess this is what made to night sweeter. I started to feel guilty about not participating in DLN. Especially running 150 milliwatts into a 250 ft. run of coax before the antenna. The feeling didn't last long though. I sure wish I was good at this CW stuff I would be a terror on the bands. I hope you having as much fun QRP as I am!!

73 de w5jay..

Date: Tue, 29 Jun 1999 07:23:33 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l@lehigh.edu
Subject: [43747] Re: FEEDING AN END FED 1/2 WAVE
Message-ID: <37787475.81F6EBDB@royac.iac.es>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

- 1) I seem to remember reading something about the need for using radials also with a 1/2 wave vertical. The ground loss could be the same as for a 1/4 wave vertical without radials, even though you are working at an high impedance level. Any comments?
- 2) Would a L-circuit (coax > cap to ground > serial L > antenna) be as efficient as the parallel tuned circuit with a link that is normally used? The L circuit using a roller coil or other variable coil can be used on several bands.

73
Goran ea8yu

Date: Tue, 29 Jun 1999 07:26:44 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l@lehigh.edu
Subject: [43748] Re: Water Bottle throwing
Message-ID: <37787534.B677A464@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Whatever weight you are using, put a weak, short piece of string between the load and the line that you are using. If things get snagged you can usually get both the water bottle and the line down again by pulling on the line so that this string breaks.

Goran ea8yu

Date: Tue, 29 Jun 1999 06:46:07 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [43749] propagation rpts
Message-ID: <19990629104648.CTMN21662@default>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

For 48 years I have been trying to make sense of propagation reports. I believe there is a nice fella on here that posts them periodically.

Trouble is that -- I DON'T HAVE THE FAINTEST IDEA OF WHAT THEY'RE TALKING ABOUT!

Spent a lot of last night looking at the stuff on the web, and found all sort of neat charts with lines (unidentified) on them of MUF's, long tables with no headings.

Worst of all, they seemed to be wholly contradictory. And the language was obscure. "The frammel index was 129.3, and the frisbee index was 349.3, indicating that police radars should be in good shape."

I should like to plea for a report in plain English, that would go

80 at night ought to be wonderful

40 at night would be miserable

...

Nah, they'd never do it. Gotta get all them indices in there. I used to play that game when I, too, was a "scientist".

No offense to the prognosticators, but the old penny toss strikes me as in the same league.

73 jerry w8gnd

Date: Tue, 29 Jun 1999 10:46:10 -0400

From: wa8rxi@juno.com

To: elecrafft@qth.com

Cc: qrp-l@LeHigh.EDU

Subject: [43750] K2 & FieldDay99

Message-ID: <19990629.104610.-136351.1.wa8rxi@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

QRP friends,

This past fine Saturday afternoon (June 26th) around 3pm I was pushing my Lawn Mower
when the Postman walked up to me with a nice Red, White and Blue box marked Elecraft...
He did what he promised from our previous talks and hand delivered it before his
normal rounds.
There WILL be something for him in the Mail Box this Christmas also!

Finished up the yard work and started getting ready for FD.
Reran the coax into the dining room from the upstairs Shack and setup the OHR Classic with MFJ Keyer and a LapTop running NA.
But, alas the NA interface must have let out ALL the smoke and is broke. All was not lost tho' as I still had NA for Logging.
I have learned to hate paper Contest Logging over the years!
Had a lotta fun with over 200 Q's on 40M and over 60 Q's on 20M with a score around 2600.
Not too shabby, considering the 'to-do' list I had for the weekend :-}
Monday evening (June 28th) opened Red, White and Blue Box to discover a very neatly packed K2.
My inventory shows no missing parts on Serial Number 00171..
Perusing the Manual shows very clear and well thought out instructions.

I have most of the Components (except the IC's, transistors) for the Control board layed out in styrofoam and ready for this evenings entertainment.

72, Rick - WA8RXI Taylor, MI.
Blue, Orange, Green, Brown, Slate!
White, Red, Black, Yellow, Violet, Mate!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 29 Jun 1999 07:29:27 EDT
From: N7RI@aol.com
To: qrp-1@lehigh.edu
Subject: [43751] A Norcal 20 FD in VA
Message-ID: <dc7df2e.24aa0817@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We arrived at the cabin rental office Friday evening, explained Field Day to the owner and got permission to put up antennas, drove another 2 miles to our cabin and unpacked. Situated in the Blue Ridge Mountains of Virginia, we were half way up the mountainside, in a notch formed by a creekbed.

Our views to the south, west and east were blocked, but the mountain fell away to the north and northwest, giving us good coverage of the midwest and northern coastal states.

The cabin deck overlooked the creek, and between them was a picnic clearing shaded by the perfect antenna tree with a single prominent branch at about 40'. Only one slingshot attempt was required to send a fluorescent orange sinker sailing over the branch, towing fishline. With the help of Kim, KD6WJK, and my two kids Carl and Sarah, the 20m inverted vee was soon raised. One end was tied to the cabin deck and the other to a tree across the creek. A quick check revealed good 2:1 swr bandwidth. There would be no need to tweak the ZM-1 'tenna tuner during field day.

The stock Norcal 20 was powered up, and to my surprise the first two qsos were with stations in FL -- in one of the directions blocked by rock. The final pre-Field Day qso was with Igor, RA30H.

"OK, the antenna works."

Up early the next morning, I decided to check out the setup.

"Boy, that station sure sounds terrible," I said to myself while sipping coffee and listening to its horrible shifting squawk. Lots of station setups reveal their weaknesses on Field Day.

Unfortunately, EVERY station on the band sounded that way! It was my rig revealing its weakness. I had left it on the deck overnight, covered with a towel. High humidity and cool morning air brought stability-killing condensation. A good hour of warmup time, with the cover off and the rig in sunshine, and stability returned. Whew!

The humidity was high enough to make Field Day log sheets feel like damp rags, and to wet the stickum on the manilla envelope which contained them.

Field Day operation at N7RI was casual. Only four logsheets were permitted, to ensure that plenty of time was spent with family. Kim cruised 2m but found no evidence of local VHF FD activity. There was enough action on 20m cw to fill our four logsheets. We never unpacked the ssb rig.

In four hours of operation, 80 stations were worked in 30 ARRL sections. Included were three Canadian provinces, Puerto Rico and 21 states.

Even though the view to the west was blocked by mountains, we had a pipeline to Colorado, where 4 stations were worked with no difficulty whatsoever. Not bad for 3 watts! It was even worth the unexpected swim in the creek incurred while tearing down the droopy dipole.

Add in these factors: Coffee sipped on the creek bank, barbecued steak, and time spent with family in the peaceful mountain surroundings. Field Day 1999 was great!

72, Ralph N7RI
Charlottesville, VA

Date: Tue, 29 Jun 1999 11:57:04 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu (QRP-L Mailing List)
Subject: [43752] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II
Message-ID: <19990629115658.HZNZ2808@webmail.worldnet.att.net>

> Anywho, I need to think of a name for this thing. I was leaning toward
> "The Dixie" or the "Southern Bell." :^). Whatcha' think? :^)

Randy,

Howbowt the "Dixie Whistler"?

> I was even thinking about this version keying an audio
> oscillator, but a few guys on the list-server said that they want to
> hear some noise in the background, because it lets them have
> that "distant" feeling when they're working DX. No problem! I could
> always "OR" in some noise for em' :^).

Digital cell phones do this - people get edgy if they don't hear
-something- on an open circuit. A little comfort noise is good for you.

Dave, WD8CIV

Date: Tue, 29 Jun 1999 06:24:27 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [43753] Re: Dummy Load Night - Jun29 local time
Message-ID: <3778BAFB.16362123@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Randy Jouett wrote:

> Hey....can we use 65-ft long light bulbs? (Ducking.) :^).
>

Randy,

No need for one that long. Get a bulb with a coiled filament and you'll have a loaded element !!!

72 - john

-- John A. Evans, N0HJ -- jaevans@codenet.net

Date: Tue, 29 Jun 1999 08:03:24 -0500
From: "Tom Moll" <tomm@xata.com>
To: <qrp-1@lehigh.edu>
Subject: [43754] Dummy Load Night
Message-ID: <000401bec22f\$c65c1ed0\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's tonight ! The event of the day. Dummy Load Night. I guess that makes it the event of the night.

Yesterday I find this book lying (or is it laying?) around. It was apparently left here by someone named Merriam Webster. Maybe she used to work here - I don't know, her name's not on the roster anymore. Anyway, this book is called The Collegiate Dictionary. I thought they made toothpaste, but what do I know? I can make

out some of the words in this book, but mostly it is boring reading.
I did find a couple interesting things I thought I'd share.

dummy (noun)

- a) one who is incapable of speaking (no, not me)
- b) one who is habitually silent (no, wrong again)
- c) one who is stupid (getting warmer)
- d) an imitation, copy, or likeness of something used as a substitute
(as in substitute for a real antenna? this might be what we are looking for)

load (noun)

- a) the quantity that can be carried at one time by a specified means (like in how much silliness can one QRP-L reflector handle?)
- b) a device to which power is delivered (ok, let's use that one)

night (noun)

the time from dusk to dawn when no light is visible (well, we couldn't possibly carry this activity on for that long, so we'll abbreviate it a bit)

So now you know what we are talking about.

For those that couldn't do the time conversion, I had our very own Mensa Master (K5FO) do it for me - the event lasts from
0100 - 0300 UTC THIS EVENING
7040 +/- (might be a clear frequency tonight)
Call CQ DLN, exchange RST
Send logs, soap box comments etc to n0bs@compaq.net

Would someone please post a request to the digital reflectors to please leave the frequency clear for us tonight?

Tom Moll N0BS

Date: Tue, 29 Jun 1999 07:22:06 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43755] QRP Rigs for Sale
Message-ID: <028c01bec232\$79e114e0\$558611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's time to make room for some new toy's...

Wilderness NorCal 40A: Like new condition, 7mos. old, with KC1 & KC1 compatible panel for the NorCal 40A (model FP-40-KC1), works perfectly, \$150, shipped CONUS.

--or--

If you want the NC40 without KC1, I'll sell the NC40A alone for \$100. I saved the original front panel and can restore the radio to its pre-KC1 configuration.

(I did not drill an extra hole in the case to mount an extra Key jack. I used the existing Key jack for paddle input, by carefully removing it, mounting it up-side down and installing short jumper wires.)

* * *

SWL-40+ with RIT kit installed: 6mos. old & like new condition. I've made on Cap. mod to this RIG (per kit manual) and increased the tuning range to about 75kHz. (Std is about 35-40kHz). \$90 shipped CONUS

* * *

NorCal 20, the Norcal club version. I've painted the case dark gray, the front panel med gray. Controls are labeled with Clear, "P-touch" labels. Looks HB but works great! This radio has the AGC mod described by Dave. I've also added a power switch on the back and a Ten-Turn Pot. No whoop and a clean 6 watts out! \$90 shipped CONUS

72/3 Rod, NORC
da di dah

Date: Tue, 29 Jun 1999 08:32:23 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [43756] 20 meter SSB amp
Message-ID: <012701bec233\$d20c61a0\$4d0b9595@cc.tntech.edu>

MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone know of kit for about 1 or so watts in on 20 meter SSB and about 10-20 out.

thanks
72
Jeff, AC4HF

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Tue, 29 Jun 1999 10:03:48 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [43757] RE: RS Model 100 FD Logger SOURCE CODE AND DOCUMENTATION AVAILABL
E
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3980915@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

FYI to all Tandy 102 "the original laptop" owners.

The AE4GX Tandy102 Logger/Keyer program was released to the following qrp-l members as the result of any earlier thread where I was looking for a solution. The following were sent the log004 release on 7/18/98: Don Bullard/WA4IMI, Henry Freeenberg/N5HF, Jeff/WD4ET, Joe/KK5NA, Mark Kesner/KC4GIA and Niel Skousen/WA7SSA. Several references were brought up by the group members but none were a satisfactory solution to the logger problem. None addressed a combo logging/keyer solutions.

I used the logger portion of log004 in the ARS Bumblebee QRP contest in July 1998. The logger worked as expected but I didn't have the keyer portion ready so didn't try to use it. If I had I would have seen some problems that were uncovered later. With the contest out of the way the unit was put back on the shelf.

Note on Update from log004 to log005.

The thread was started up again on Nov 6,1998 with a general question to the qrp-l about finding out who mentioned a logging program. I responded and as they say the rest is history. The response much more than expected. It seems that there are Tandy100/102's in closets and boxes all over the country. Well this should satisfy some pent up demand for use.

Between 11/6/98 and 11/16/98 there has been 23 qrp-l members added for a total of interested at a current total of 30 including myself.

I have used it in three QRP contests and plan to use it again in my second ARS Bumblebee QRP contest this July.
It's a great QRP logger light weight and runs 20+ hours on 4 AA batteries. Ideal for QRP To The Field Operations.

I'll post the code listing and documentation on a section of my web page so just check if you want to check this afternoon and it should be there. This will save me sending attachments to individuals and give web surfers the chance to study the code.

Sam Billingsley AE4GX Atlanta (Buckhead), GA
<http://ae4gx.home.mindspring.com/>

Subject: RS Model 100 FD Logger
From: Rick Sealey (rsealey@InfoAve.Net)
Date: Mon, 28 Jun 1999 23:22:49 -0400

>>>>>snip>>>>>

However, it occurred to me during the activities that my Olivetti M10 (clone to RS Model 100) would have been handy for logging. Anybody got, or know of, a Field Day logging program for these rascals?

Thanks in advance,

Rick - W4SEA
High Point, NC

Date: Tue, 29 Jun 1999 08:52:41 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <jwodel1@ameritech.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43758] Re: propagation rpts

Message-ID: <002701bec239\$0fce1100\$1166d6d1@spock>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Jerry W. O'Dell <jwodell@ameritech.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: 6/29/1999 5:49 AM

Subject: propagation rpts

>For 48 years I have been trying to make sense of propagation
>reports. I believe there is a nice fella on here that posts them
>periodically.

>

>Trouble is that -- I DON'T HAVE THE FAINTEST IDEA OF
>WHAT THEY'RE TALKING ABOUT!

Welcome to the club! :^)

>Spent a lot of last night looking at the stuff on the web, and
>found all sort of neat charts with lines (unidentified) on them of
>MUF's, long tables with no headings.

Well, at least you're doing your homework! :^)

>Worst of all, they seemed to be wholly contradictory. And
>the language was obscure. "The frammel index was 129.3,
>and the frisbee index was 349.3, indicating that police
>radars should be in good shape."

Terminology can be a major road block to understanding, Jerry,
but what the heck: you don't do this for a living and haven't
studied this, so no big deal, huh?

>I should like to plea for a report in plain English, that would go

>

>80 at night ought to be wonderful

>40 at night would be miserable

Well, here's what I would do. Find a location on the web that gives this info out daily. More than likely, this will be a NASA, NOAA, or WWV site or sumfin'. Study up on the subject, learn the terminology and pit-falls, write a program that prints out the info in plain English, post the results on the web, and then write an article on the whole concept and send it to ARCI or NorCal for publication :^)

Well, maybe you could talk Paul, NA5N -- the dude that posts this valuable info on here and translates it into plain English for hams -- into doing this. Doesn't hurt to ask! :^)

73

Randy Jouett, AB5NI

Date: Tue, 29 Jun 1999 08:21:32 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <wd8civ@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43759] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II
Message-ID: <002601bec239\$0ed07720\$1166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: wd8civ@att.net <wd8civ@att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: 6/29/1999 6:59 AM
Subject: Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II

>

>> Anywho, I need to think of a name for this thing. I was leaning toward

>> "The Dixie" or the "Southern Bell." :^). Whatcha' think? :^)

>

>Randy,

>

>Howbowt the "Dixie Whistler"?

Hey. Not a bad name! Yeah -- and I can make the thing "whistle" Dixie with CW
on power-up! :^) :^)

>> I was even thinking about this version keying an audio
>> oscillator, but a few guys on the list-server said that they want to
>> hear some noise in the background, because it lets them have
>> that "distant" feeling when they're working DX. No problem! I could
>> always "OR" in some noise for em' :^).
>
>Digital cell phones do this - people get edgy if they don't hear
>-something- on an open circuit. A little comfort noise is good for you.

A friend of mine, resident Bell Labs Cajun John "Barry" Bartell, told me that
they were working on telephone white-noise signal injections back in the mid 80's because of the same problem. Maybe some of you Lucent and Bell Lab dudes know him? If you do, tell him to get his pen-pocket-protecting, techno-geek butt on here and force him to get his ham ticket :^).

Anywho, I've always wondered about this. I have a psychologist friend that told me that the reason people like the sound of a room fan when they sleep is that the white noise the fan generates reminds em' of the noise they heard in the womb (Mother's blood flowing and heart beat). He also said that this is the reason the sound of the sea and white-water streams are so relaxing.

Oh -- and here's another one. When you're in a hotel and are having trouble sleeping, just turn on the TV, unplug the cable, and turn the volume up until the white noise is at a comfortable level. Not only will this lull you to sleep, it will also drown out adjacent-room noise and block out those pesky, 3 AM "Hey, folks -- lets party!" people :^). BTW, that will probably be me yelling this if you hear this at Dayton :^).

73, and thanks for your response/input!

Randy Jouett, AB5NI

Date: Tue, 29 Jun 1999 09:20:38 -0500

From: "Joe Spencer" <KK5NA@quadj.com>
To: <PUNISHER3@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43760] Re: Water Bottle throwing
Message-ID: <030801bec23a\$90654440\$54d132ce@vectra>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I stand sideways to the target and lob the bottle over my head like a handgrenade...gets great height and very accurate...also doesn't snap the elbow... :)

Joe KK5NA

"Have water bottle will travel"

----- Original Message -----

From: <PUNISHER3@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 28, 1999 12:59 PM
Subject: Water Bottle throwing

> Hello,
> For some of my "outings," i have also used the water bottle
> technique. I was wondering what the correct way to throw the water bottle
> is. Just for now, I am using a gatorade bottle, I think 20 oz and the
rope
> fits nicely around it, in the groove. I think my top height is maybe 30
feet
> or so and I am throwing it by just cranking my arm back and heaving it as
> hard as I can. I have tried spinning the bottle on the rope then letting
go
> but I found that I don't have much control when I do this.
> I would like to hear some other people's opinions on how they do the
> "water bottle technique"
>
> 73,
> Ben NW7DX
>

Date: Tue, 29 Jun 1999 10:29:33 EDT
From: Davewb4@aol.com
To: qrp-1@lehigh.edu
Subject: [43761] Sierra Info needed
Message-ID: <53765775.24aa324d@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang: I need a schematic of a Sierra showing ABX information. My info is from the 1997 handbook and at the time ABX was not included. Also need info on 12 & 10 meter band modules. will be happy to pay for any copy costs & postage.

thanks & 73

Dave Rogers

WB4CHK

Plantation, FL

Date: Tue, 29 Jun 1999 10:43:25 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [43762] Re: K5FO Estate Sale
Message-ID: <9ca57213.24aa358d@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And I thought I had a lot of radios. I couldn't hold a candle to your collection!

72

Howard Kraus, K2UD

Date: Tue, 29 Jun 1999 09:46:24 -0500
From: Jim Ek <JIM-EK@worldnet.att.net>
To: "'Low Power Amateur Radio'" <qrp-1@Lehigh.EDU>
Subject: [43763] Cabinetry
Message-ID: <01BEC215.1DD2AB40@113.indianapolis-08-09rs.in.dial-access.att.net>

To refresh memories, I'm new to the hobby, so new I don't have a license yet. A question came to mind as I was thinking about QRP.

What about wood exterior cabinetry? At this point I realize that metal boards for grounds or something are probably needed. But how about putting the whole rig into a wood cabinet? Or do QRP rigs like those kits manufactured by Ten-tec, Small Wonder Labs, or Norcal require metal do

spill off accumulated heat.

Thanks,
Jim

Date: Tue, 29 Jun 1999 14:45:18 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu (QRP-L Mailing List)
Subject: [43764] Re: DC, Logic-Switched , Audio-Oscillator Receiver Part II
Message-ID: <19990629145032.KKST2808@webmail.worldnet.att.net>

> A friend of mine, resident Bell Labs Cajun John "Barry" Bartell, told me
> that
> they were working on telephone white-noise signal injections back in the
> mid 80's because of the same problem.

Randy,

Yup - that's where I heard about it. With compression on the voice data,
there's nothing to transmit during a "silent" period. People would mistake
the silence for a lost connection.

Some of the "advanced" systems would sample the background noise, calculate
some statistics on what the noise "sounded" like, and transmit those
figures to the receiver, which would use them to generate pseudo-random noise
with the same characteristics whenever it wasn't receiving a voice data stream.

So, does that count as QRN (background noise), QRM (machine-created noise), or
is it valid communication?

Dave, WD8CIV

Date: Tue, 29 Jun 1999 10:54:22 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <SBillingsley@usaninc.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [43765] RE: RS Model 100 FD Logger SOURCE CODE AND DOCUMENTATION
AVAILABLE
Message-ID: <000001bec23f\$466365c0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all:

There are two Model 100s here at my station, and I used to have a logging program running under BASIC that worked quite well. I don't know where the listing is, or if I can even find it, but I'd certainly be interested in resurrecting my Model 100s as loggers if anyone else comes up with a code listing, or I can find my old one.

Also, I heard that Radio Shack recently recalled (!) all Model 100s for some kind of Ni-Cd battery upgrade!! Is this true? Does anyone on the thread have any info about this? The small NiCd in the Model 100 is used as a backup for the RAM (it's BBRAM) and it's charged by the AA cells. Mine seems to still be okay, after more than 10 years.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----
>
> FYI to all Tandy 102 "the original laptop" owners.
>
> The AE4GX Tandy102 Logger/Keyer program was released to the
> following qrp-l
> members as the result of any earlier thread where I was looking for a
> solution.

Date: Tue, 29 Jun 1999 14:58:53 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43766] Re: DLN
Message-ID: <3778d86e.174852214@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Mon, 28 Jun 1999 20:40:29 +0100, Larry Cahoon <wd3p@juno.com> wrote:

>Let's see now that is 10
>ft, or is it 12ft, divided by zero watts(?) that gives me infinite miles
>per watts. Guess that gets me a 1,000 miles per watt award if someone

>thinks it's fair. Of course I have to get my son to give me a card for
>the QSO. I think I can arrange that.

Say the power isn't zero, so you can get an actual answer. Let's say, =
1/100th
of a milliwatt.

That would be 0.01 mW, or 0.00001 watts. The distance of (say) 15 ft is
0.002841 miles. The answer would be 284.1 miles per watt. Not even =
close.

--
72 es 73 de Marty, N5NW (x-KM7W, KN4BH, N4UYT)

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Tue, 29 Jun 1999 14:58:56 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [43767] Wilderness/NorCal dark blue case
Message-ID: <3778dd21.477476@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Wonder if anyone has the top and bottom to a Wilderness or NorCal rig =
(the
dark blue with the latches on the sides) they'd be willing to part with?
Please reply offline. Front and rear panels would be nice, but are not
required.

--
72 es 73 de Marty, N5NW (x-KM7W, KN4BH, N4UYT)

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =

Vengeance"

Member -- Tennessee Contest Group

Date: Tue, 29 Jun 1999 11:00:37 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [43768] Another 2N2/40 Progress Story
Message-ID: <611d347.24aa3995@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I almost forgot how much I hate working with Krazy-Glue! With my fingers stuck together, my wife thought I was preparing to sit cross-legged and perform a few "ohhhhhms."

Still glueing those little pads to the substrate (my son and I are each building a rig). I can caution all of you to be careful when you solder anywhere near where there might be some glue. If you happen to get the iron on the glue, your eyes will be in for a very unpleasant surprise. That stuff is murder when it gets hot. Learned this on another project.

Waiting for a few more parts to arrive, need to cut more pads. Estimated time to air (at our leisurely pace) should be about a month or so. And we have the shirts to prove it!

CU all on 40 with YOUR 2N2,

Howard Kraus, K2UD

PS: bands are kinda quiet lately, everybody get a substantial dose of radio this weekend or something?

Date: Tue, 29 Jun 1999 11:17:45 -0400
From: "John Zaruba Jr" <jzaruba@snip.net>
To: bog@flagstaff.az.us
Cc: qrp-1@lehigh.edu
Subject: [43769] Re: Lightweight solar panels
Message-ID: <199906291114.SM00386@[209.204.75.58]>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bruce,

United Solar Systems (Unisolar) of Michigan makes a line of flexible panels. They also make the same outputs in rigid panels, which ever you prefer. They a pretty light weight, at least when compared to my tempered glass ones...

73 de John AA2BN

No connection, just satisfied customer, yada, yada, yada, et cetera, ad infinitum...

>From: Bruce Grubbs <bog@flagstaff.az.us>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Lightweight solar panels
>Date: Mon, Jun 28, 1999, 23:00
>

> Hi all,
> I'm looking for a lightweight, backpackable solar panel in the 5-10 watt
> range. Does anyone have a favorite brand model?
>
> Thanks es 72
>
>
>
>
> Bruce, N7CEE
> bog@flagstaff.az.us
>
>

Date: Tue, 29 Jun 1999 09:18:41 -0600
From: "Mike Newbold" <newbold@cmn.net>
To: <qrp-1@Lehigh.EDU>
Subject: [43770] NC-20 Elmer Needed
Message-ID: <199906291519.JAA09614@cmn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There comes a time when you just got to say help. I have no power out on my NC-20. Any body out there up for a challenge. I'm a good soldering

technician but only fair to good at trouble shooting, but with the desire to learn. I have a dvm, no oscilloscope, time and lots of appreciation.

Thanks,
Mike Newbold K0Y0

Date: Tue, 29 Jun 1999 10:36:36 -0500
From: "Tom Moll" <tomm@xata.com>
To: <qrp-1@lehigh.edu>
Subject: [43771] Dummy Load Night - Participation Certificate
Message-ID: <000601bec245\$2d12eea0\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Did I mention that there just might be a Participation Certificate for those participating in this event and submitting an activity log? For this event, you do not have to actually make a contact to qualify as a Participant ! Simply set up your memory keyer on endless loop to call CQ DLN, and give a listen every once in a while. How much easier could it be?

These certificates, for the first (annual?) organized Dummy Load Night in the history of ham radio, are bound to be instant collector's items. I expect that within a few short days, we will see some of them posted for sale on eBay for at least \$100 reserve. Don't miss all the action! (but you may want to have some good reading material handy, just in case)
Tom Moll N0BS

Date: Tue, 29 Jun 1999 08:40:45 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [43772] Re: Cabinetry
Message-ID: <3778E8FD.C5847685@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim,

I package a lot of my homebrew rigs in plastic cabinets. Plastic is cheap and easy to work with. For a tutorial, check my web site at:

<http://www.psnw.com/~kd7s/elmer101.html>

I have also built my share of wood cabinets and they work well, too. The main argument for using metal enclosures is for the purpose of (electromagnetic) shielding. There are times when this is an issue. If you have a project in mind and don't know whether a non-metallic cabinet is suitable or not, ask this list.

Jim Ek wrote:

> <snip>

>

> What about wood exterior cabinetry? At this point I realize that metal
> boards for grounds or something are probably needed. But how about putting
> the whole rig into a wood cabinet? Or do QRP rigs like those kits
> manufactured by Ten-tec, Small Wonder Labs, or Norcal require metal do
> spill off accumulated heat.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 29 Jun 1999 08:39:05 -0700 (PDT)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
To: qrp-1@Lehigh.EDU
Subject: [43773] VHF CW activity?
Message-ID: <19990629153905.12403.rocketmail@web1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Gang,

Besides during contests, is there ever any CW activity on 2m? If so, when and where? I've noticed plenty of activity during VHF contests and FD, but the band appears

dead the rest of the time.

Speaking of 2m, I can hear a 2m FM repeater that I assume is located in Canada on 145.230 MHz. Any of you North of the boarder know where this machine might exist? My French isn't good enough to understand the voice ID. I am probably less than 160km from the province of Quebec. I'm just curious.

72/73,
Dale

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 29 Jun 1999 15:58:38 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu (QRP-L Mailing List)
Subject: [43774] Re: Cabinetry
Message-ID: <19990629160217.00XU1417@webmail.worldnet.att.net>

> What about wood exterior cabinetry? At this point I realize that metal
> boards for grounds or something are probably needed. But how about putting
> the whole rig into a wood cabinet? Or do QRP rigs like those kits
> manufactured by Ten-tec, Small Wonder Labs, or Norcal require metal do
> spill off accumulated heat.

Jim,

You know, I've wondered about that myself. A guy here at work is an amateur cabinet maker (amateur as in "not for pay" - his work is very good) and I've thought of commissioning him to make a radio cabinet.

The two main problems I see are heat and shielding. For a QRP radio heat isn't as bad a problem as a higher-powered rig, but it must still be dealt with. I think a metal back with a heat sink should take care of that. The box should still include some vents to allow cross flow.

Shielding is another matter. Some metal screen or flashing copper could be tacked on the inside of the box. This would be to keep the rig from radiating LO signals as well as to keep unwanted signal from being picked up in the circuitry.

I guess the main reason radios are in metal boxes is because it's easier and cheaper to make a decent-looking package that's RF-tight and heat-loose, without building a box within a box.

Dave, WD8CIV

Date: Sun, 27 Jun 1999 09:06:04 -0700
From: "Andreas Junge" <Andreas@atltech.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43775] RE: VHF CW activity?
Message-ID: <000601bec0b6\$f50cf300\$7937a6d0@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

try 144.200 SSB/CW

Andreas, N6NU
Menlo Park, CA

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> KB VCC
> Sent: Tuesday, June 29, 1999 8:39 AM
> To: Low Power Amateur Radio Discussion
> Subject: VHF CW activity?
>
>
>
>
> Hi Gang,
>
> Besides during contests, is there ever any CW activity

> on 2m? If so, when and where? I've noticed plenty of
> activity during VHF contests and FD, but the band appears
> dead the rest of the time.
>
> Speaking of 2m, I can hear a 2m FM repeater that I assume
> is located in Canada on 145.230 MHz. Any of you North of
> the boarder know where this machine might exist? My
> French isn't good enough to understand the voice ID. I
> am probably less than 160km from the province of Quebec.
> I'm just curious.
>
> 72/73,
> Dale
>
> =====
> Dale Anderson In the Mt Washington Valley
> KB0VCC Conway, New Hampshire
> QRP-L #91 / CQC #251 Grid Sq: FN43KX
> ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
> =====
>
>
>
>
>
> -----
> DO YOU YAHOO!?
> Get your free @yahoo.com address at <http://mail.yahoo.com>
>

Date: Tue, 29 Jun 1999 11:11:13 +0000
From: Jay Bromley <w5jay@alltel.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43776] Re: propagation rpts
Message-ID: <3778A9D0.795D8064@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out Paul at one of the QRP forums, he's great!!!!
73 de w5jay..

Randy Jouett wrote:

> Well, maybe you could talk Paul, NA5N -- the dude that
> posts this valuable info on here and translates it into plain
> English for hams -- into doing this. Doesn't hurt to ask! :^)
>
> 73
> ----
> Randy Jouett, AB5NI

Date: Tue, 29 Jun 1999 12:44:31 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [43777] [3830] Field Day Summary #2 (fwd)
Message-ID: <Pine.3.89.9906291209.A13792-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: QUOTED-PRINTABLE
Content-Transfer-Encoding: QUOTED-PRINTABLE

W4AC was QRP and cleaned my clock! I don't think the chairman, W4ZW or=20
any other members of the group are members of QRP-L...

=09 73,
=09=09=09=09 ,'' '' ,
Bob Patten, N4BP (0 0) Plantation, FL=20
-----o00o-()-o00-----=

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715 =20

----- Forwarded message -----
Date: Tue, 29 Jun 1999 07:34:11 -0700
From: Michael Dinkelman <mwdink@eskimo.com>
To: 3830@contesting.com, cq-contest@contesting.com
Subject: [3830] Field Day Summary #2

Field Day Summary #2

Just for Fun - the No Contest Contest results

```

~~~~~
Call          QS0s  Bonus  Score  Sec
1A
W4AC          844   500    8,940  SFL
WA4IMC        1,727  100    4,810  NFL
KE9R          913   400    3,696  IN

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
1E
K6LL          2214           6,466  AZ
AA3B          1324    0    5,296  EPA
W8CAR         1026           3,942  OH

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
3E
N0NI          4503           12,678  IA

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
1D
PY2NY         40           47   =20

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
2A
N9FH           800    8,334  WI
N=D8SS         700    7,672  MO

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
3A
K6OX           7,100  =20
WB4NJV (+ KF4LQG)  600    6,646  SFL

```

```

~~~~~
Call          QS0s  Bonus  Score  Sec
5A
W8VPV         3079   800    8,376  OH

```

Michael Dinkelman, N7WA
mwdink@eskimo.com
Kent, WA

--

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

According to the Montreal Area Repeater list there is a repeater on 145.230 -600 in St. Albans, Vermont, US but it is an English one.

To see the list I found this in go to

<http://www.geocities.com/~masataka/amateur/repeater.htm>

Brian.

On Tue, 29 Jun 1999, =?ISO-8859-1?Q? KB=D8VCC ?= wrote:

>
>
> Hi Gang,
>
> Besides during contests, is there ever any CW activity
> on 2m? If so, when and where? I've noticed plenty of
> activity during VHF contests and FD, but the band appears
> dead the rest of the time.
>
> Speaking of 2m, I can hear a 2m FM repeater that I assume
> is located in Canada on 145.230 MHz. Any of you North of
> the boarder know where this machine might exist? My
> French isn't good enough to understand the voice ID. I
> am probably less than 160km from the province of Quebec.
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>
> =====
> Dale Anderson In the Mt Washington Valley
> KB0VCC Conway, New Hampshire
> QRP-L #91 / CQC #251 Grid Sq: FN43KX
> ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
> =====
>
>
>
>
> -----
> DO YOU YAHOO!?
> Get your free @yahoo.com address at <http://mail.yahoo.com>
>
>

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
+-----+
| Do you have any dog shampoo that wasn't tested on animals? |
+-----+

Date: Tue, 29 Jun 1999 16:47:10 +0100
From: "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
To: <tomm@xata.com>
Cc: "Qrp-1 Posts" <qrp-1@lehigh.edu>
Subject: [43780] Re: Dummy Load Night - Participation Certificate
Message-ID: <003701bec248\$3c984ac0\$15d38dce@waltk8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh, OH, Tom a certificate wowzers
I'll be there !!

With my 3 mile long rohmbic with the dummy load at the far end !!
..... :-)

Wally Baloooooooooooooooooooo

Date: Tue, 29 Jun 1999 11:48:48 -0500
From: Adam Israel <adam@battleaxe.net>
To: qrp-1@Lehigh.EDU
Subject: [43781] Slightly OT: Antenna recomendations for indoor use
Message-ID: <3.0.6.32.19990629114848.008ed8d0@mail.battleaxe.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

Sorry for the off topic message, but everyone's been so helpful in the past, I was hoping someone else has shared my experience and has some advice. We bought a Townhouse last year (our first house) and I need to setup a good antenna, primarily for 2m. Each of the units has an unused TV Antenna setup on top, but we have an association we have to go through, and I'm not sure how well my request would be received. It's a two-story unit.

Does anyone have some suggestions on what kind of antenna to build (or buy) that would work in this environment? Has anyone had luck with homeowners associations in this regard?

Thanks in advance,

Adam Israel
73 de KB9RK0

Date: Tue, 29 Jun 1999 13:05:31 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [43782] QRP-L CD Available NOW!!!
Message-ID: <Pine.OSF.3.95.990629125742.5892A-1000000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I gave away a couple at Field Day, now have 5 pre-burned QRP-L Archive CDs available for the low, low, price of \$10.

If you think you don't need this, you haven't seen it. Chuck jammed a ton of stuff on the CD including SPICE and the ELMER 100 project! It's Grrrreat stuff.

Please email first for verification. Slip a sawbuck in an envelope and mail to:

Paul - W8KC
3123 Cairncross Drive
Oakland, MI 48363-2705

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 29 Jun 1999 13:17:15 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [43783] FS: TS-130V
Message-ID: <Pine.3.89.9906291207.C13792-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

South Florida homes generally have no attics, and never any cellars. Thus, us transplanted Yankees have a constant storage struggle. I'm completely out of room and have the need to streamline my collection. So...

For sale: TS-130V, the made-for-Japan version of the TS-130S with a maximum of twenty watts output. This has a couple of cleanly installed mods which should enhance it's value:

1. Built-in Curtis Keyer. The scan speed was set to a comfortable value with a fixed resistor and its top cover slider used as a keyer speed control. The 1/4" paddle jack is mounted on a corner of the back panel. The keyer itself is under the top cover.
2. ALC Mod. This was documented in an ARCI QRP Quarterly some time ago. There is a pot mounted on another corner of the rear panel which sets the ALC threshold to anywhere from 20 down to about 1.25 watts.
3. 500 Cy CW filter added. This is simply the stock YK-88CN Yaesu filter mounted where it was intended.

That's it for the mods.. Also included are:

1. VFO-120, the standard Kenwood remote VFO used with the TS-130V, no mods.
2. Unidentified coiled cord thingee that appears to plug into a four pin jack on the TS-130V labelled "MIC". It only has one button on it, so I suppose it could be used for an "emergency" straight key.
3. If it will sweeten the deal and clinch it for you, a modular type four amp power supply with cable and connector to fit the TS-130V rear panel. If not needed, I'd prefer to hold on to all but the cable and connector.

This rig just did 798 QSO's in Field Day this past weekend. It ran for 24 hours on a 110 A/H marine battery (the battery also ran a 486 notebook

for the same period). Problem is, it's only driven for about two or three weekends a year and then remains stored in my overstuffed closet. The case is in good shape, I'd give it a 9.5. Oh, one panel lamp is out, the one behind the S-meter. I figured it was best left this way since the rig is almost always run on battery.

Asking \$475 plus shipping

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

o00o-()-o00

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 29 Jun 1999 13:21:22 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <adam@battleaxe.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [43784] Re: Slightly OT: Antenna recommendations for indoor use

Message-ID: <00e001bec253\$de7164c0\$9001a8c0@mikey.wn.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>Sorry for the off topic message, but everyone's been so helpful in the
>past, I was hoping someone else has shared my experience and has some
>advice. We bought a Townhouse last year (our first house) and I need
to

>setup a good antenna, primarily for 2m. Each of the units has an
unused TV

>Antenna setup on top, but we have an association we have to go through,
and

>I'm not sure how well my request would be received. It's a two-story
unit.

> Does anyone have some suggestions on what kind of antenna to build (or
>buy) that would work in this environment? Has anyone had luck with
>homeowners associations in this regard?

>

>Adam Israel

>73 de KB9RK0

I suppose it might be conceivable to do the same conversion to a TV antenna, just leave the UHF reflector on the front for example, and have it still 'LOOK' like a TV antenna...

Date: Tue, 29 Jun 1999 13:25:40 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [43785] Re: Dummy Load Night - Participation Certificate
Message-ID: <Pine.3.89.9906291357.D13792-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

```
>
> Go for Multi-op/ Two-transmitters !!
>
```

73,

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 29 Jun 1999 13:27:33 -0400
From: "Hartman, Kaye L (Kaye)" <klhartman@lucent.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [43786] MC34119
Message-ID: <4DC250C6B307D211B4D90000C092D9F4B7389B@OH0012EXCH003U>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi Radio Family,
About 3 weeks ago someone asked where the MC34119 could be purchased.
I just got a catalog from All Electronics with the MC34119P, low power audio
amp, listed for \$.50. They have no minimum order, but the minimum shipping
fee is \$5.00.
The MC34119P is listed as an 8 pin DIP audio IC with 250 mW output. Its
gain
from 0 dB to 46 dB is controlled by 2 external resistors. Its quiescent
supply
current is 2.7 mA (typical) and it has a mute or power down pin (for QSK?).
I have seen this chip used in receiver circuits, though I can't find them
now.
Anyway, it looks neat. May 'need' to order some.
72,
Kaye Hartman, K8GZ, Lancaster, OH

Date: Tue, 29 Jun 1999 09:29:52 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43787] Re: K5F0 Estate Sale
Message-ID: <37789210.26F53FCD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wonder who has more....Jim Cates or Chuck?
--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 29 Jun 1999 13:50:38 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: hosinsky@royac.iac.es, qrp-1@lehigh.edu
Subject: [43788] Re: FEEDING AN END FED 1/2 WAVE
Message-ID: <3779157C.DBBF3AFD@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello y'all - -

Contrary to popular belief (make that popular myth), even a half wave vertical requires radials for decent efficiency. You just can't get something for nothing.

Oh, well.

Brad, W5CGH

Date: Tue, 29 Jun 1999 14:14:14 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [43789] SALVAGE DLN?
Message-ID: <6b64a339.24aa66f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It is too bad that they don't salvage DNL by coming up with a compromise that you can use a 50ft of wire...at least there would be some activity and it would still be a real challenge...Alan KB7MBI

Date: Tue, 29 Jun 1999 13:16:53 -0500
From: Adam Israel <adam@battleaxe.net>
To: "Mike Yetsko" <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43790] Re: Slightly OT: Antenna recommendations for indoor use

Message-ID: <3.0.6.32.19990629131653.00912670@mail.battleaxe.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Actually, I don't think I'll be able to use the TV antenna and assembly at all, unless I can get permission from the Homeowners association. I'm hoping that there are some alternatives that will work. Paul Antoniewicz (pja@sofsol.com) suggested putting the antenna in my attic space, would work great. Any recommendations down that line?

Thanks!
Adam Israel
73 de kb9rko

At 01:21 PM 6/29/99 -0400, Mike Yetsko wrote:
>I think it is QST has an article this month on converting a Radio Shack
>broadcast FM antenna to a 2M beam. It didn't change the look of it
>that much...
>
>I suppose it might be conceivable to do the same conversion to a TV
>antenna, just leave the UHF reflector on the front for example, and
>have it still 'LOOK' like a TV antenna...

Date: Tue, 29 Jun 1999 11:34:23 -0700 (PDT)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Cc: Dave Luscombe <dluscombe@pdq.net>, Dave Luscombe <david.luscombe@compaq.com>
Subject: [43791] FIELD DAY REPORT
Message-ID: <19990629183423.2577.rocketmail@web221.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello y'all - -

Now that I've gotten a couple night's sleep, I sat down this morning and figured out the Field Day score for the Two Old Poots Field Day group. Dave (W5RIF) and I went to Pilot Knoll Park on Lake Lewisville in North Texas again for the third time in five or six years. Rigs were an MFJ 9040 and 9020 and a Sierra, and antennas were dipoles for 20 and 40, and a W6MMA SLV that we also used on 20. We had 171 Q's (after culling out the dupes), of which two-thirds were on 20. We operated 15 for the last couple hours of the contest, just to try out Dave's FT-100 that he won at HAMCOM.

Sure was impressed with the propagation after being pretty disappointed with it the past couples years. Twenty meters was still alive a kicking most of the night.

Our grand total score in Class 1B-Battery was 2071 points, counting bonus points for battery and natural power, and for operating from a public place.

I sure was impressed with the SLV that I won Saturday night at HAMCOM. I've always liked verticals, and this one did quite well. Thanks for the prize, Vern.

What's up for the Two Old Poots for next year? Who knows. We usually don't start seriously thinking about it till about April. Let's see, there's always that mountain top we've always talked about
.

Oh, well.

Brad, W5CGH
Assistant Head Poot

===

Brad Bradfield, PE	Systems Engineer
W5CGH (ex WB0CGH)	Raytheon Systems Company

Real men talk with their fingers!!

NORTEX	QRP-L #377	QRP-ARCI	SMIRK #4906
ARS #72	NORCAL	Austin QRP Club #e	

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 29 Jun 1999 14:35:52 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Adam Israel" <adam@battleaxe.net>
Subject: [43792] Re: Slightly OT: Antenna recommendations for indoor use
Message-ID: <002201bec25e\$4c4d47c0\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Actually, I don't think I'll be able to use the TV antenna and assembly at
>all, unless I can get permission from the Homeowners association. I'm
>hoping that there are some alternatives that will work. Paul
Antoniewicz
>(pja@sofsol.com) suggested putting the antenna in my attic space, would
>would work great. Any recommendations down that line?
>
>Thanks!
>Adam Israel
>73 de kb9rko

I've run attic antennas. Yeah, they work better than no antenna, or better
than duckies down low, but an attic can sometimes really put a damper on
the signal. But if they work better than not having an antenna up high,
then
go for it.

One thing you may consider is to get some PVC pipe the same size (or
slightly bigger) than your 'drain vent' pipes. And then put a 2M 1/4
wave
verticle in it and 'extend' your drain vent. I've seen people do this
to be
stealthy, and even bring the coax down IN the vent pipe, and then use an
'angle-T' to bring the coax out. (Just seal it up VERY well, it will
STINK!)

There's a company that sells these antennas for HF. If you don't know
what you're looking for, you don't see anything other than a long vent
pipe.

For 2M and higher you can get away with a lot! For example, just wrap a
strap around your vent, and put a 19" length of brazing rod in an
insulator
and fasten it at the top of the pipe. Or get a 2M half wave (they don't
care
about a ground plane, so they work on plastic cars too) and paint it to
match
your shingle/roof color and mount it on the pipe. NO-ONE will see it
unless
you draw attention to it. What usually gives these away is the coax.
If you
can get that through without being seen running along the roof, then
you'd
be all set!

Mike Yetsko
N1DVJ

Date: Tue, 29 Jun 1999 11:43:33 PDT
From: Roger Traylor <traylor@ECE.ORST.EDU>
To: n4xy@arrl.net
Cc: qrp-1@lehigh.edu
Subject: [43793] RE: PIN diodes at 3.5MHz
Message-ID: <199906291843.LAA00402@guille.ECE.ORST.EDU>

Guys,
Some preliminary results.....

BTW, the input to the filter is from a 50 ohm amplifier with many frequency components. Its the amplified output from a DMOS mixer. The composite amplitude is about 2vpp. Output of filter is into 51 ohm AC load. 4mA of current is passed thru input diodes, 8mA thru output diodes.

Using 1N914 or 1N4148, I get a nice sine wave output from the filter. The amplitude is somewhat 30-40% less however. Hmmm....

Using a 2N7000 (nearly identical to VN10KM) as a RF switch, the signal at 3.5MHz is a pretty sine wave again. However, since the filter bank shares a common input and output nodes, the capacitance from drain to source or gate loads the other networks so much that they get quite detuned. This could be compensated for except for the fact that I have 10 (!) switchable filters and if each had a 2N7000 on it I would get up to 600pf of load. Each 2N7000 has about 60pf of drain capacitance if I remember the data sheet right.

If I had all the time in the world, I'd try a SD5000 DMOS fet with substrate grounded and source and drain at 5v. Bet it would work like gang busters.

Couldn't find a 1N4007 yet to try. Radio Shack has up to 1N4005 and then some funny labled 2.5kV diode. I notice Wayne uses them in the K2 for xmit/rcv switching.

I looked up data on the MPN3404. No mention of carrier lifetime. Its original purpose was for switching for VHF circuits. Hmmm.....

Looking at the data sheet for the MPN3700, we find carrier lifetime of 300nS. Hmmm.... This should allow operation to 3.3 Mhz. If one makes the wild assumption that MPN3404's are culls from the MPN3700 bin maybe 3404's wouldn't work at 3.5 Mhz.

Initial Conclusion: (really sticking my neck out here)

I suspect that the biasing on my diodes is incorrect. I know that on one side of the filter, the diodes (cathode and anode) are at approximately 3.5V (+/- 0.7V of course) The other side is at 1.5V. The distortion I see is when the sinewave is at the negative peak. This leads me to believe some clipping is occurring. This could happen with the MPN3404 if the freq. is too low for it to work as a PIN diode. I'm assuming the 1N914/4148's worked ok because their much greater dynamic resistance reduced the amplitude of the signal to below clipping levels.

I am going to bring both diodes to a level where the input signal cannot cause clipping. Then try MPN3404 and 1N914 again.

BTW, an excellent tutorial on PIN diodes may be found at:

http://www.microsemi.com/corporate/literature/lit_micnotes.asp?ID=67

All for now,

Roger Traylor
WB4TPW

> This is interesting work Roger. I would like to see you try the plain old
> 1N914/4148 and the IN4004-7 series of diodes, especially at 1.8 & 3.5 MHz.
> Also I have some SMT BAT### PIN diodes I got surplus a while back from The
> Electronic Goldmine, that I'll send you-if you're interested. Also, the 1st
> RF SW I'd like to see you try (again: especially at 1.8 & 3.5 MHz) would be
> the VN10KM or whatever the suffix is. I would very much like to see the
> results of all this, and the circuit-as I'm sure many of us would. Please
> keep us apprised of your results

>

> 72 / 73 Ed N4XY Elecraft K2 sn: 000057

>

> -----
> Ed Tanton N4XY EMAIL: n4xy@arrl.net

> 189 Pioneer Trail

> Marietta, GA 30068-3466 TEL: (770) 971-0436

>

> -----
> INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)

> *BoatAnchors *Test Equipment *Photography

>

> ~~~~~
> Time flies like an arrow. Fruit flies like a banana.

> ... Groucho Marx

> ~~~~~

>

>

Date: Tue, 29 Jun 1999 14:44:08 -0400

From: hamjoel@juno.com

To: qrp-1@lehigh.edu

Subject: [43794] DUMMY LOAD NITE.... The Dummy Advantage

Message-ID: <19990629.144409.-285391.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

OK people time to get serious:

At qrp levels only so much foolishness can be had before one loses their chance to radiate an effective signal.... and lose the "dummy advantage"...

So If u can:

Using a portable metal table... set up ur station on a salt water beach... with a good ground.

set up ur station in a boat...sailboat.... in a salt water bay or ocean...

set up ur station in ur car and put the dummy load on the hood or car top.... then park ur car on the highest hill or mountain or overpass in ur area or on a saltwater beach...

Do not set ur station up in a basement or metal building...

set up ur station in an airplane with the dummy load secured to the outside of the plane and then fly high... depending on ur plane's gliding ability... gliding with the engine off will give best receive results... be sure u or ur pilot is certified for nite flying... and ur life insurance doesn't have an aviation rider...

Use new, but cheap, coax with the smallest percentange of shielding...

5 ft or coax should be sufficient to do all of the above...

Remember, not all loads work the same, keep ur dummy ERP as high as possible.

Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 29 Jun 1999 12:01:40 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [43795] Re: Slightly OT: Antenna recommendations for indoor use
Message-ID: <3778B5A4.1AB24D07@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out the Ventenna by Forbes Group. I know that HRO carries them, and they work quite well. I used one for a number of years in an antenna-restricted community, and no one was the wiser. Page 84 in the Summer 1999 HRO catalog.

Not a plug for HRO....I just know they carry the antenna.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 29 Jun 1999 12:06:40 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu, azqrp@extremezone.com
Subject: [43796] Ft Tuthill 1999
Message-ID: <199906291900.MAA00827@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys and gals, it looks like this is gonna be a big one. Jerry Parker at NorCal has offered to do a pre-registration, and provide name badges, which right now looks like a great idea. We need to get a handle on how many plan to be there, and who is going to be in the group campground.

So, if you plan on attending, send Jerry a note to this effect, and indicate whether you will be in the campground or not. At this time, we are not planning on a special door prize for pre-registrants, but that may change, you know. Always be flexible :^).

For more details, go to <http://www.extremezone.com/~ki7mn/tut99.htm>, and plan on being there. It's gonna be a great one.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 29 Jun 1999 14:07:17 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [43797] QRP FD 1999
Message-ID: <19990629.140718.-261555.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang,

Our intrepid group of two (plus itinerant visitors) set up again this year in the local church picnic area and had a ball. We do a "do it yourself" field day, ie. each one of us brings his own rig, battery, key, antenna, etc. and uses his own call.

I made 145 QSO's on 20 with my NC20 on Saturday, using a center fed 132 foot dipole up about 35 feet, from about 2PM to 830PM, and then folded for the night.

Bright and (sort of, 8AM) early on Sunday I set up to work 10 and 15 with the TS50 at 5W, but about 845AM the sky went black and a monstrous thunderstorm hit. I headed for home very quickly, working only one station on 10 and 3 on 15. The QRN was up to S9 on 10 meters! It rained and blew most of the rest of the day, so my FD was history.

Used an old Compaq for logging and keyboard CW, but a buddy asked me to try out his little "Bulldog" paddle made from a paper clamp/clip. Wow, what a slick device. I used it for 90% of the QSO's on Saturday and let the K8FF and MFJ/Bencher units relax.

If you haven't tried a Bulldog, you are missing something. I think they are available from a QRP supplier listed under NorCal.

Apologies for the long-winded report. FD99 was really a blast, and I'm not referring to the Sunday morning storm.

72 de George/W0AV

Date: Tue, 29 Jun 1999 15:16:02 -0400
From: Laura Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [43798] Re: VHF CW activity?
Message-ID: <3.0.6.32.19990629151602.007b2db0@madrox>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dale KB0VCC asked:

> Speaking of 2m, I can hear a 2m FM repeater that I assume
> is located in Canada on 145.230 MHz. Any of you North of
> the boarder know where this machine might exist? My
> French isn't good enough to understand the voice ID. I
> am probably less than 160km from the province of Quebec.
> I'm just curious.

According to the rpeater directory on the RAQI web page
(<http://www.raqi.qc.ca>), you are hearing either VE2RGX
("...air zhay eecks"), Windsor, or N1IRO ("...ee air oh"),
St. Albans. The other repeaters listed for 145.23 are much
further from the border. One is in Quebec City, for example.

Apologies to our F/HB/ON/VE[29] friends for my crummy phonetic
representation of French letters. :-)

Laura Halliday VA3LDH "Que les nuages soient notre pied
Grid: FN03gs a terre..." - Hospital/Shafte

Date: Tue, 29 Jun 1999 12:22:47 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu, azqrp@extremezone.com
Subject: [43799] Ft Tuthill 1999
Message-ID: <199906291916.MAA05293@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I guess it would help if I gave Jerry Parker's e-mail address, wouldn't it?

Brain failure today.

You can pre-register with him by sending an email to jparker@fix.net. Please do so if you plan to attend, as we would like to get a count of attendees and campers.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 29 Jun 1999 19:22:30 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Cc: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
Subject: [43800] ZM-2 50 Ohm load coupling coverage.
Message-ID: <37791CF6.2F72@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, I know it is rare to have a fixed load, such as 50 ohms to couple your ZM-2 ATU to. However, I didn't have time to build some preset mismatch pads to test range of impedances. If I was to go that route I'd get out the voltmeter and test efficiency and such.

Anyway, I figured an easily repeatable test is how well you can couple to a 50 ohm load and tune the indicator circuit to null the bridge. By carefully going from low frequency to high frequency in each of the three switch settings: 250, 0, 500 -- one can at least find the limits of the ATU tuning ranges.

Here's what I got:

Tuning Range when coupling to a 50 Ohm coaxial load OR
50 Ohm Balanced load (Metalfilm resistor).

+-----+	+-----+
Switch Setting	Tuning Range (MHz)
+-----+	+-----+
250	2.15 thru 12.7
+-----+	+-----+
** 0 **	2.74 thru 55.0

500	1.79 thru 5.0
-----	---------------

NOTE:

** 0 ** All bands except the '0' setting tuned clockwise as I went from minimum to maximum frequency. The C2 capacitor pair reached minimum capacitance at about 13 MHz. At this point I turned the C1 Capacitor counter-clockwise to balance the bridge at 13 MHz. I proceeded turning C1 Clockwise as I went up in frequency. The final balance point is 55 MHz with C1 and C1 at their full stops, setting 12.

That about does it for the ZM-2 project. The preparation continues for the Yosemite trip.

I hope this report is useful. I double checked all measurements.

Equipment used was an internally leveled HP8662 synthesized signal generator with 1 foot long BNC Cable to ZM-2 Radio input. The radio was terminated at the coaxial port with a commercial 50 Ohm load and the 'LINK' toggle switch at the 'GND' position for the coaxial test. The balanced output test was with the coaxial load removed, a 51.1 Ohm thinfilm resistor placed across the banana jack output, and the 'LINK; switch set opposite of 'GND'. Power output of the siggen was +16 dBm.

Best 72 to all.
Ed WE6W

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 29 Jun 1999 15:34:22 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Cc: tis@arrl.org
Subject: [43801] Things Solar
Message-ID: <37791FBE.5829@arrl.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I deleted the message that was asking for an explanation of the various terms used in conjunction with propagation reports. Here are two URLs to try:

<http://www.sec.noaa.gov/info/glossary.html>
<http://www.ips.gov.au/rwc/current/gloss.html>

Also, an article appeared in a QST Lab Notes column, Oct 1996 QST, p 74, "Lab Notes: Here Comes the Sun!" Unfortunately, we don't (yet) have it available electronically on the www.arrl.org web page, but I expect to see a propagation primer on there within a month or so.

73,
Ed Hare, W1RFI

Date: Tue, 29 Jun 1999 12:46:48 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43802] Stealth 2m J-pole
Message-ID: <37791498.AC6@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang!

What I have done at this qth is make a half wave j-pole antenna and put it into a length of 3/4 in pvc tubing and clamp it to my vent pipe. Neighbors just think its an extension of the existing vent pipes.

Here are the dimensions: use el cheapo 300 ohm twinlead(Rat Shack)

1/2 wave radiator is 38.9"
1/4 wave stub is 16.72"
tap point is 1.1"

If antenna is mounted inside of the pvc tubing, multiply all dimensions

by .95 account of dielectric constant of the tubing.
If you dont want to put it up on the roof, one can just tack it to the wall in the shack.
I have scaled the above antenna for 20 meters and it works perfect. Shot it up into a pine tree for field day! Worked FB!

72, Tom WB5QYT...." Have spud will travel!"

Date: Tue, 29 Jun 1999 13:11:06 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-1@lehigh.edu>
Subject: [43803] RE: Climbing a tree
Message-ID: <003101bec26b\$856db000\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I just wanted to thank everyone for there help in this matter. I received a great deal of good information. I received so many replies, I decided to do a group reply.

I called a local antenna shop who will put it up for me, and the owner turned out to be a ham (K6TED). Surprise, suprise !!

Thanks again & 73,
Kory
AC6RN

Date: Tue, 29 Jun 1999 01:23:25 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [43804] FD from Southern MD
Message-ID: <19990629.201034.4398.0.wd3p@juno.com>

Field Day 1999 Southern Maryland ARC Style

I ran field day as part of the SMARC at Rosaryville State Park outside of Washington. For us this is a fun event. It took us an hour after the

contest started to get consistent on the exchange we sent. eventually we settled on 3A. We may have gotten up to five stations on the air at once at times - we just don't worry about such things. For the purest in the group it is very unlikely we will get the logs together to send them in. We haven't done that for three or four years now. We covered everything from 40M to 2M with dipoles, a G5RV, a R7, and a beam for 6M. Power was mostly 100 Watts. I brought along my field special ant. It covers 40, 20 and 15M and goes up on a set of old ten poles joined together and guyed. The rig was the trusty Sierra running about 1.5-2 watts most of the time using a gel cell that had been solar charged.

We had two CW ops, WK3I and myself. Richard ran 100 Watts even though he won the world QRP in the 160 meter ARRL contest last year. We used his call for the contest. We had a number of SSB ops. One did most of the work and others played around. Total take was likely near of 600 Qs. We may never know the exact number. I ran 150 Qs QRP, Richard ran about 100 Qs. The main SSB op ran off 250 Qs. In total we had 25-30 people show up for the event.

Interference was not a problem unless we were on the same band. Richard and I discovered once we both had been running on 40 meters at the same time. He could barely notice me, on the other hand the Sierra would cut out when he sent. For a while I thought the problem was with the stations I was hearing. We jumped over each other getting dups from those the other worked. I wonder what the stations thought that we called one after the other. Sunday morning I played the same game with my 11 year old son, KB3BUR, on 20 Meters. He was running off of a R7 and had more problems when I transmitted But we made it. He ended up with 20 Qs and left happy and asking when I'm going to move a rig to his room at the house.

I also had the 9 year old along. She had to tag along with dad and camp out. Part of the agreement was if she camped she had to get her ticket. So last night she was ready to start studying for the novice. I'll wait to see how long the interest lasts.

73 de Larry.....WD3P

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Date: Tue, 29 Jun 1999 20:06:18 +0000

From: wd8civ@att.net

To: qrp-l@lehigh.edu (QRP-L Mailing List)

Subject: [43805] Re: Slightly OT: Antenna recommendations for indoor use
Message-ID: <19990629201434.ASY973@webmail.worldnet.att.net>

> I've run attic antennas. Yeah, they work better than no antenna, or
> better
> than duckies down low, but an attic can sometimes really put a damper on
> the signal. But if they work better than not having an antenna up high,
> then
> go for it.

I made a cheap 2M J-pole from a piece of #12 solid copper wire and hung it in my apartment attic once. Tuned up fairly well, radiated well enough to hit the local repeaters with a handheld. The spacing of the lower 1/4 wave matching section was about 2.5 inches, but otherwise the dimensions were pretty much the same as for the twin-lead J-poles that abound on the Web and elsewhere.

Dave, WD8CIV

Date: Tue, 29 Jun 1999 16:15:36 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Jerry Henshaw <jhenshaw@bellsouth.net>
Subject: [43806] Bull Dog Paddle
Message-ID: <Pine.3.89.9906291600.E27181-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got mine in yesterday's mail and just now got to try it out. What a clever idea to build a paddle from a paper clip and two buttons! And it really works. I can send as well (badly?) on it as on any of the paddles I own including my most expensive, the Bencher.

I took KR5L, Jerry's idea and mounted it on a CD. I ran out of people to give clocks to and so have a closet full of AOL, Prodigy, Compuserve, BellSouth, ATT, etc. CD's...

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 29 Jun 1999 16:31:54 EDT
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Subject: [43807] Ongoing inanity; Was Dummy Load Night
Message-ID: <2ef3d252.24aa873a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone wrote...

<<set up ur station in ur car and put the dummy load on the hood or car top.... then park ur car on the highest hill or mountain or overpass in ur area or on a saltwater beach...>>

Or, why not park ur car on the highest hill or mountain or overpass that has a saltwater beach?

John+

Date: Tue, 29 Jun 1999 20:44:09 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [43808] ZM-2 Final thoughts
Message-ID: <37793019.60F5@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I couldn't do it! I wouldn't be able to sleep tonight if I didn't test the ZM-2 impedance matching capabilities at least into 200 Ohms and 300 Ohms. So I got a 196 and 286 Ohm resistors and tested only the Banana jack balanced output.

Here's all three tables and the last you'll hear from me on this dull topic. My other post has been slightly edited to include this new information.

Ok, I know it is rare to have a fixed load, such as 50 ohms to couple your ZM-2 ATU to. To test capability of the ZM-2 with a mismatched load, I used a 196 and 286 Ohm resistor at the banana jacks.

Anyway, I figured an easily repeatable test is how well you can couple to a 50/200/300 ohm loads and tune the indicator circuit to null the bridge. By carefully going from low frequency to high frequency in each of the three switch settings: 250, 0, 500 -- one can at least find the limits of the ATU tuning ranges.

Here's what I got:

Tuning Range when coupling to a 50, 200, or 300 Ohm non-reactive load (Metalfilm resistor).

Switch Setting	Tuning Range (MHz)	RL
250	2.15 thru 12.7	50 Ohms
250	2.20 thru 11.3	200 Ohms
250	2.20 thru 11.8	300 Ohms
////////////////////////////////////		
** 0 **	2.74 thru 55.0	50 Ohms
** 0 **	2.50 thru 70.0	200 Ohms
** 0 **	8.60 thru 70.0	300 Ohms
////////////////////////////////////		
500	1.79 thru 5.0	50 Ohms
500	2.10 thru 3.2	200 Ohms
500	2.20 thru 3.0	300 Ohms

NOTE:

** 0 ** All bands except the '0' setting tuned clockwise as I went from minimum to maximum frequency.

The C2 capacitor pair reached minimum capacitance at about 13 MHz. At this point I turned the C1 Capacitor counter-clockwise to balance the bridge at 13 MHz. I proceeded turning C1 Clockwise as I went up in frequency. The final balance point is 55 MHz with C1 and C1 at their full stops, setting 12.

I hope this report is useful. I double checked all measurements.

Equipment used was an internally leveled HP8662 synthesized signal generator with 1 foot long BNC Cable to ZM-2 Radio input. The radio was terminated at the coaxial port with a commercial 50 Ohm load and the 'LINK' toggle switch at the 'GND' position for the coaxial test. The balanced output test was with the coaxial load removed, a 51.1 Ohm thinfilm resistor placed across the banana jack output, and the 'LINK' switch set opposite of 'GND'. Power output of the siggen was +16 dBm.

Best 72 to all.
Ed/WE6W dit dit!

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 29 Jun 1999 16:00:03 -0500
From: "Tom Moll" <tomm@xata.com>
To: <qrp-l@lehigh.edu>
Subject: [43809] Dummy Load Night
Message-ID: <000001bec272\$5ce42b30\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One last reminder and request - DLN tonight 0100 - 0300 UTC

I'll bet we can get some good short essays with the topic
"What I Learned From Dummy Load Night"
Send your essays, reports, and comments to
n0bs@compaq.net
Anything suitable for public viewing will be regurgitated for
the list. Thanks, and have fun (if that's possible).

Tom Moll N0BS

Date: Tue, 29 Jun 1999 14:10:34 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [43810] Further adventures of Ol' 143 & an interesting set of
circumstances
Message-ID: <19990629.141703.13734.1.nilsbull@juno.com>

Gang,

First off: Would someone please medicate that whining old man? He's
driving Wayne & Eric nuts!

Secondly, beware the little wires inside RFC 13! If you bend the the
wires on that too close to the body of the choke, you'll break the little
wires inside & then the T/R switch won't work & you'll spend the rest of
two week ends whining and bothering Wayne & Eric.

And get a grip, will you, please!

Now, I just had a neat QRP QSO with NZ8J, Tim, who was running a
PM-series box from his digs about maybe 10 miles away was callin' CQ & he
asked me straight up what radio I had.. Me? I was running the K2, which
works great, once you medicate the old man & replace that choke. Maybe
Tim & I should think about trying for the 1k-miles per watt award. Or
make one up ourselves.

Yeah, that's the ticket. We'll make up an award and have it signed my my
wife, Tracy Lords.

In the meantime, I got the card from Hiro in Japan, so I can get the
stuffage together to send in for that one. And . . .

Wayne & Eric sure put one hell of a nice radio in this box, even if the
old man couldn't remember half of the stuff that he used to know about
electronics, not that he misses the game, what with hands shaking &
vision going south & his brain turned to a putrescent blanc-mange. But
that's another story.

More than 10 W out on all bands, despite the fact that RFC 13 has been
replaced by a similar choke that I happen to have what we used to use in
exactly the same circuit in the TR7, the innards of which are now about
as familiar to me as the Temple of J.R. "Bob" Dobbs on a planet the name

of which we do not know and probably couldn't pronounce even if we did!

And in the middle of that QSO with Tim, two guys come on QRLing? and CQing & basically not even noticing that we were there, which is easy to figure 'cause Tim was running maybe a watt & I was runnin' maybe 3. So I fired up the TR7 -- once I figured out how to do that, it having been so long since I even thought about circuit paths that it took me five minutes just to get the antenna tuner hosed up right -- and we went on from there.

The 500 Hz filter on the TR7 sucks, compared to the variable filter on the K2, which I have one set for about the same thing. Magic radio, dudes & dudesses. Now to go back and read the manual. And go over to Rogers tomorrow & get a 100 uH choke. And some more medication . . . which I had really planned on saving for the beach, at which, now, finally, after driving Eric & Wayne nuts with my whining, I will be able to enjoy avec le K2, so zair, mon sewer rats!

Oh, you wanna hear about the fridge dying? Or the one we bought, which, when they delivered it, did not have a part that we'd ordered, which mean that I had to take another day off from work just so gibbering lizard fish monster eye ball soup chicken magnets in the drain I told you about them little sometimes morning they get a magnet and turn the light back on after you close the door with combat artists gibber gibber gibber gibber

Yessssss!

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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Date: Tue, 29 Jun 1999 21:22:52 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [43811] DLN Plan.

Message-ID: <3779392C.88D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok gang. The plan is to use the dummy load on the ATU. There will be a ground wire in use that may radiate unbalanced currents, if any. I really wonder if there are any DLN-To-DLN station qso's to be had.

A properly terminate TX and a system safety ground. That's the ticket.

72 es gl. Ed WE6W

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 29 Jun 1999 11:27:39 -1000 (HST)
From: "Mike W. Burger" <mike@gold.chem.hawaii.edu>
To: qrp-l@Lehigh.edu
Subject: [43812] sunspots
Message-ID: <199906292127.LAA15429@gold.chem.hawaii.edu>

I remember making a viewer for an eclipse. It was a large cardboard box with a heavy cloth over it. One end was fitted with a hole. Over that hole was aluminum foil with a tiny pin hole in it made with a needle. On the back of the box opposite was a white sheet of paper. Point foil/hole end at sun, stick head under cover and view sun image projected on the back of the box.

If you want to see Paul's own description of how to read solar reports you can check out the short archived set of a few of his messages at

www.chem.hawaii.edu/uham/storm.html

BE CAREFUL!!! Do not look at the sun with binoculars or telescopes or any such things unless you really know what you are doing and have the right filters. Direct viewing can be * instant blindness * with a telescope if the filter is not right or if it cracks or breaks from the heat while in use. Projection is much safer. There have been some nice articles on using projected images to track sunspots. You can not only project on the paper, but you can trace the image there as

well for a record. In fact, one of the largest professional solar telescopes uses a method somewhat like this where the image is projected on a big piece of paper on a table and the sunspots are traced for the record. It is not that hard to get images of sunspots and they are indeed quite a sight. Just be careful to do it right so it is not the last thing you see.

I had the opportunity to view a hydrogen line spectroheliograph at Haleakala Solar Observatory here on Oahu, along with 18 channels of radio telescope tracking from Gigahertz down to 15 Mhz. You could see disturbances bubbling to the surface on the multichannel radio telescope data. Please take any chance you get to view the sun with a professional instrument or visit such a site.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Tue, 29 Jun 1999 21:46:05 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [43813] Someone looking for narrow K8FF?
Message-ID: <377d3df4.15882073@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I thought I saw a post from someone looking for a K8FF narrow-spaced =
paddle.
I might be able to help that individual, if they'll drop me a line =
privately
(off-list).

Sorry for the bandwidth -- lost the original post.

--
72 es 73 de Marty, N5NW (x-KM7W, KN4BH, N4UYT)

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Member -- Tennessee Contest Group

Date: Tue, 29 Jun 1999 18:01:25 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Cc: we6w@qsl.net, kh6b@juno.com
Subject: [43814] Re: ZM-2 50 Ohm load coupling coverage.
Message-ID: <19990629.120405.5391.1.kh6b@juno.com>

Thanks, Ed for the ZM-2 info. Both interesting and useful. I have a ZM-2 ATU, as well as 2 home brew Z-match ATUs. Also collected enough parts for a new Z-match. I've added your info to my file on the Z-match. Thanks!

Aloha
Dean KH6B
Hilo Hawaii

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Date: Tue, 29 Jun 1999 18:01:25 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Cc: erics@elecraft.com, kh6b@juno.com
Subject: [43815] Re: FD with K2
Message-ID: <19990629.120404.5391.0.kh6b@juno.com>

Hawaii QRP Club FD99 Report

Bob N6WG filed his K2 FD99 report and has motivated me to file this report. This is my first field day using a K2.

The Elecraft K2 was the star performer at our FD99 outing at Laupahoehoe Point Beach Park, near Hilo, Hawaii. The internal battery lasted until the voltage declined to 11.0V. At this point, we switched to an larger external battery with solar charge system connected. This lasted the remainder of the time. We also had a back up rig ready to go on line.

However, it was not needed. The operators that previously never used the K2 before FD, had no problem making contacts.

We rotated three operators: AH7A, KH6BMM and myself (KH6B). CW only was used on 40-20-15 and 10 meters. On 40, we used a vertical 2el beam. On 20-15-10, we used a Moseley 3el trapped beam at 31 feet.

We did better than our 1998 score of 1370. This time was 1210 points plus 700 bonus points for 1999 score of 1910. Did I say we had FUN!

Aloha,
Dean KH6B
Hilo Hawaii

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Date: Tue, 29 Jun 1999 18:01:25 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Cc: kh6b@juno.com
Subject: [43816] Re: Dummy Load Night
Message-ID: <19990629.120405.5391.2.kh6b@juno.com>

DLN Group:

1. I've found that the DL radiates better if poorly shielded.
2. If the DL is shielded too good, and can't hear your signal across the room on another receiver, try this: Put a coaxial tee at the DL with coax from the rig to the DL. Use a suitable wire (suggest between 6" and 150') to the center conductor of the coax tee. NO antenna tuner needed!

Aloha,
Dean KH6B
Hilo Hawaii

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

End of QRP-L Digest 1503

